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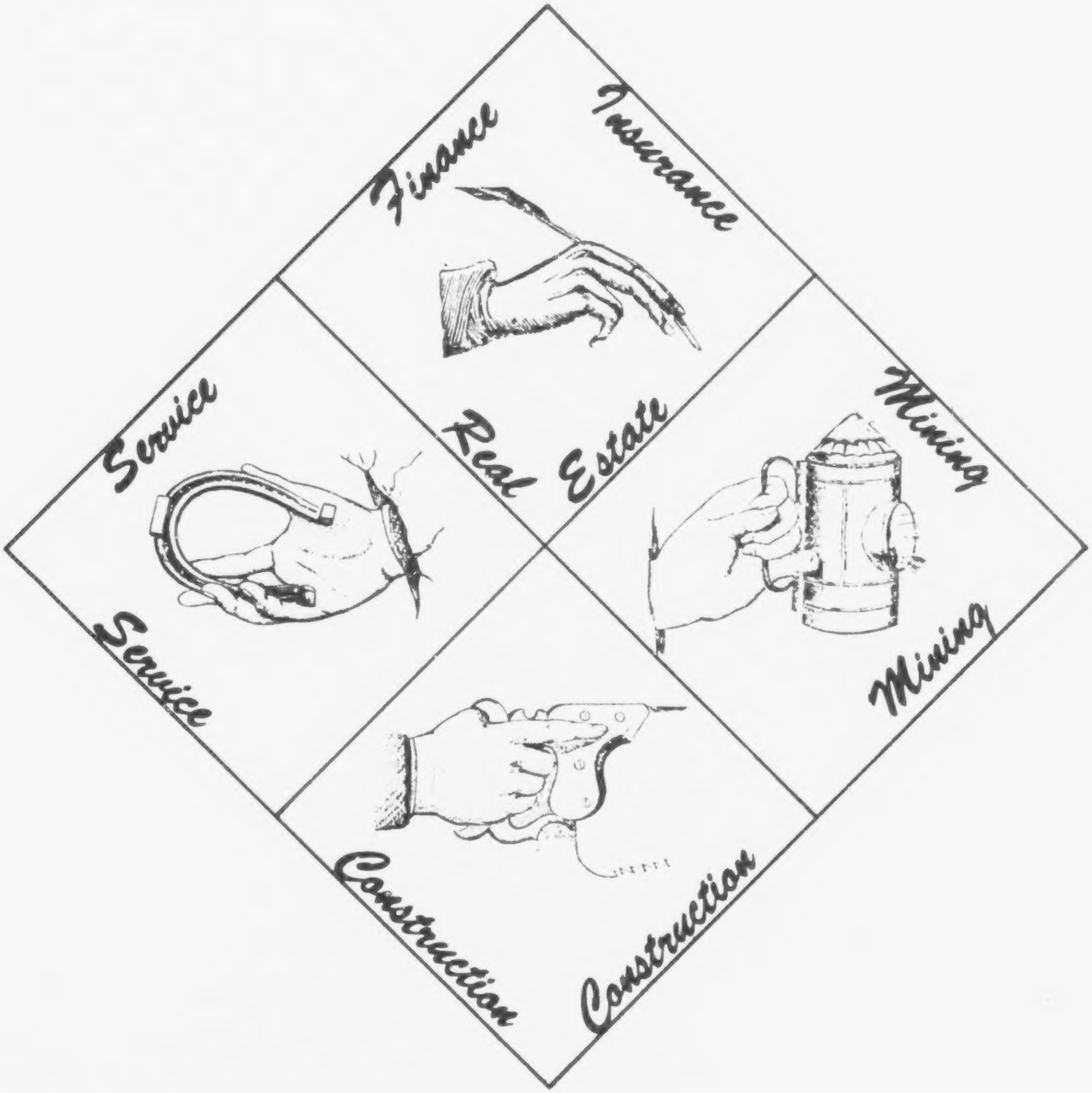
Occupational Profile of Selected Nonmanufacturing Industries


Finance
Insurance
Real Estate
Service
Service
Mining
Mining
Construction
Construction

Nevada

1979

Occupational Profile of Selected Nonmanufacturing Industries

April, May, June, 1978

This is a cooperative program involving the Nevada Employment Security Department and the Bureau of Labor Statistics and Employment and Training Administration of the U.S. Department of Labor.

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September, 1979

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INTRODUCTION

The Nevada Employment Security Department, in cooperation with the U.S. Department of Labor, regularly conducts occupational employment surveys through the Occupational Employment Statistics (OES) program. The surveys are designed to provide economists, labor analysts, educational planners, and others with current occupational employment by industry. These data are also used to develop occupational projections to better evaluate local, state, and national planning needs.

This report presents employment by occupation in selected nonmanufacturing industries in Nevada and the Las Vegas and Reno Standard Metropolitan Statistical Areas (SMSA's) as of April, May, or June, 1978. This is the third survey of nonmanufacturing since the implementation of OES in 1970. Separated by detailed industry group, the occupational tables provide employment estimates, the statistical reliability of each estimate, and the percentage distribution of each occupation.

A number of factors must be considered when interpreting the results of this survey. Three criteria were met for publication: each occupational estimate had to be at least 10; at least three firms had to contribute to each estimate; and the relative error of each estimate could not exceed 40 percent. Occupations that did not meet all of the criteria were placed in an "All Other" category. In addition, estimates were rounded to the nearest 10, relative errors were rounded to the nearest percentage point, and percentage distributions were rounded to the nearest tenth of a percent. Therefore, the detail may not add to the total in some cases.

Further information regarding the methodology used in the survey can be found in the last section of this report.

CHARACTERISTICS OF SELECTED NONMANUFACTURING INDUSTRIES
(SIC's 10-14; 15-17; 60-67; 70-89, less 806, 82, and 88)

Three complete Standard Industrial Classification (SIC) industry divisions - mining, construction, and finance/insurance/real estate - and most of the services division were included in the nonmanufacturing survey.

The mining industry (SIC's 10-14) encompasses all establishments engaged in the extraction of minerals occurring naturely: solids, liquids, and gases. The term "mining" is also used to include quarrying, well operation, milling and other preparation done as a part of mining activity. Also included are the exploration and development of mineral properties and associated services performed on a contract, fee or similar basis. The division is composed of five major groups: metal mining (SIC 10), anthracite mining (SIC 11); bituminous coal and liqnite mining (SIC 12); oil and gas extraction (SIC 13); and mining and quarrying of nonmetallic minerals, except fuels (SIC 14).

The construction industry (SIC's 15-17) contains establishments primarily engaged in new work and additions, alterations or repairs to structures. Construction activities are generally administered from a relatively fixed place of business, but the actual work is performed at one or more different sites which may be dispersed geographically. Three groups of construction activity are covered: building construction by general contractors or operative builders (SIC 15); other construction by general builders (SIC 16); and construction by special trade contractors (SIC 17).

The finance/insurance/real estate industry (SIC's 60-67) includes establishments primarily operating in those fields. The division consists of banking (SIC 60); credit agencies other than banks (SIC 61); security and commodity brokers, dealers, exchanges, and service (SIC 62); insurance (SIC 63); insurance agents, brokers, and service (SIC 64); real estate (SIC 65); combinations of real estate, insurance, loans, and law offices (SIC 66); and holding and other investment offices (SIC 67).

The services industry (SIC 70-89) is composed of establishments that provide a wide variety of support to individuals, businesses, government establishments, and other organizations. Thirteen of the 15 major groups comprising the services division were included in the nonmanufacturing survey: hotels and other lodging places (SIC 70); personal services (SIC 72); business services (SIC 73); automotive repair, services, and garages (SIC 75); miscellaneous repair services (SIC 76); motion pictures (SIC 78); other amusement and recreation services (SIC 79); health services (SIC 80); legal services (SIC 81); social services (SIC 83); museums, art galleries, botanical and zoological gardens (SIC 84); membership organizations (SIC 86); and miscellaneous services (SIC 89). The hospitals (SIC 806) section of health services and educational services (SIC 82) have previously been surveyed separately, while a survey of private household (SIC 88) employers is impractical.

NEVADA

EMPLOYMENT TRENDS - SELECTED NONMANUFACTURING INDUSTRIES
(1970-1978)

Table 1 identifies the growth pattern in the surveyed nonmanufacturing industries since 1970 as compared to other growth indicators in the State. In general, the trend has been one of rapid expansion with a brief lull during the 1974-75 recession. Jobs in these industries have far outpaced the increase in population. At the same time, the overall growth rate has been slightly above that of total nonagricultural employment, most of the difference having occured in the last two years.

A more definitive look at the behavior of the surveyed industries is undertaken in each industry's respective section. A brief discussion of each major group (2 digit SIC) for which occupational data is publishable is also included. Three digit SIC information is available for some industries within each of the geographic areas presented in this report. If desired, this data may be obtained by contacting Employment Security Research at the address shown on the title page.

TABLE 1

STATE OF NEVADA
POPULATION, NONAGRICULTURAL EMPLOYMENT, AND SELECTED NONMANUFACTURING INDUSTRY* EMPLOYMENT
(1970-1978)

	Population	Total Nonagricultural Employment	Total Selected Non-Manufacturing Industries	Percentage of Total Nonagricultural Employment
1970	488,700	203,000	105,000	51.7%
1971	510,200	210,600	109,300	51.9%
1972	527,400	223,400	115,800	51.8%
1973	551,900	244,600	127,700	52.2%
1974	574,000	256,100	134,100	52.4%
1975	590,300	263,100	136,800	52.0%
1976	612,700	279,800	145,900	52.1%
1977	633,400	308,200	163,900	53.2%
1978	677,800	349,900	190,200	54.4%
Percentage Change 1970-1978	38.7%	72.4%	81.1%	--
Annual Average Growth	4.2%	7.0%	7.7%	--

* Includes mining; construction; finance/insurance/real estate; and services (excluding government services).

NOTE: Population and nonagricultural employment figures are rounded to the nearest 100.

SOURCE: Population estimates provided by State Planning Coordinator's Office.

NEVADA

EMPLOYMENT TRENDS AND OVERVIEW - MINING

Historically, the mining industry has been an important part of Nevada's economy, and was, in fact, primarily responsible for Nevada's admittance as a State during the Civil War. However, since the legalization of gaming and other developments during the 1930's, the role of the mining industry has faded more and more into the background. Nonetheless, mining still remains vital to the economies of several rural counties in the State.

Table 2 highlights the continuing decline in importance of Nevada's mining industry throughout the seventies. The total change in employment has been negligible, although employment on an annual basis has been as high as 4,400 and as low as 3,500. However, this stagnation coupled with the explosive growth in other industries has cut mining's share of nonagricultural employment almost in half.

Despite the suspected presence of enormous mineral resources throughout the State, this potential continues to be underutilized. As the table indicates, most other mountain states of the West have been exploiting their mineral wealth to a far greater degree than Nevada. This is not surprising in light of the various environmental and logistical problems involved in mining development and because Nevada's economy has been prospering without major contributions from the mining sector.

The future of the mining industry is clouded. On one hand, the apparent determination of the United States to become more self-reliant in the area of natural resources has opened the door to future development. On the other, fundamental questions such as the availability and allocation of scarce water resources and the desire to preserve wilderness have left prospects in doubt.

On the following pages is information on Nevada's most significant mining industries.

TABLE 2

COMPARISON OF MINING EMPLOYMENT IN THE UNITED STATES AND SELECTED WESTERN STATES
(1970 and 1978)

	1970		1978		1970-1978
	Total Mining Employment (In Thousands)	Percent of Total Nonagricultural Employment	Total Mining Employment (In Thousands)	Percent of Total Nonagricultural Employment	Annual Average Percentage Change in Mining Employment
United States	623.0	0.9%	837.0	1.0%	3.8%
Arizona	20.6	3.8%	19.3	-2.2%	-0.8%
Colorado	14.0	1.9%	27.3	2.4%	8.7%
Idaho	3.5	1.7%	3.8	1.2%	1.0%
Montana	6.6	3.2%	6.9	2.5%	0.6%
New Mexico	17.0	5.8%	24.8	5.5%	4.7%
Utah	12.7	1.3%	15.6	3.0%	2.8%
Wyoming	11.5	10.6%	28.9	15.[illegible]%	12.2%
Nevada	5.1	2.0%	5.1	1.2%	0.0%

SOURCES: Employment and Earnings, States and Areas 1939-78
Employment and Earnings, United States, 1909-78
Employment and Earnings, January 1979, p. [illegible]
Employment and Earnings, May 1979, pp. 127-137.

SIC 10 - METAL MINING

This major group includes establishments primarily in mining, developing mines, or exploring for metallic minerals (ores). The group also includes all ore dressing and beneficiating operations, whether performed at mills operated in conjunction with the mines served or at mills operated separately.

Wage and Salary Employment 1970 to 1978
in Nevada and the SMSA's
(SIC 10)

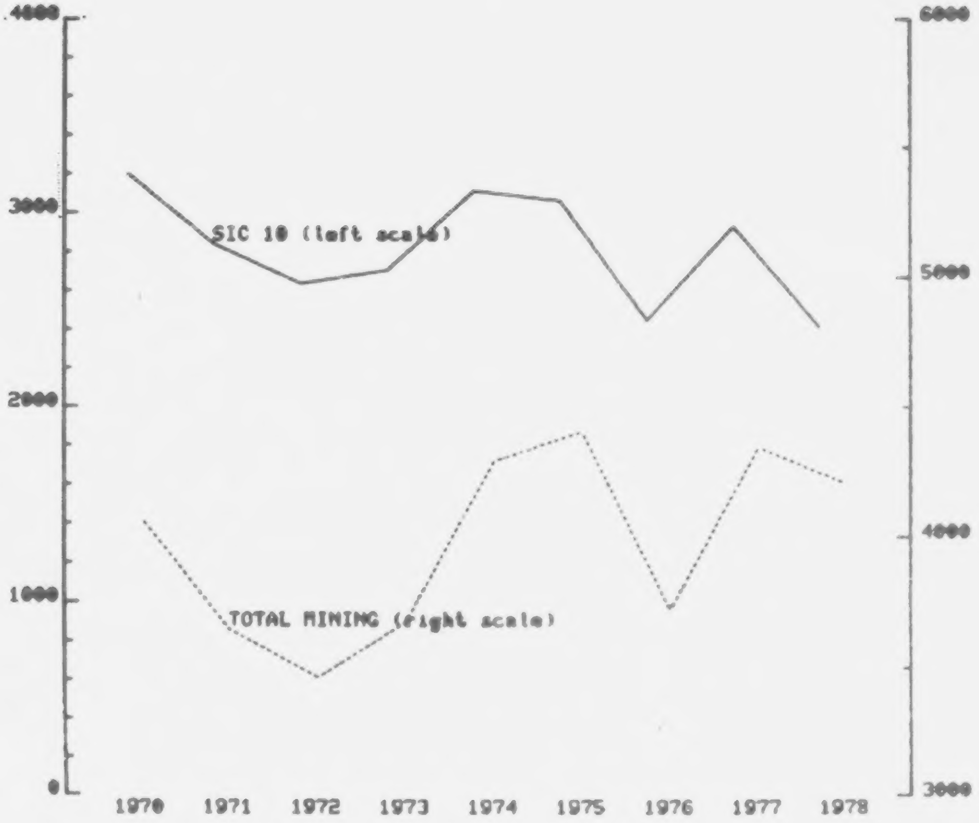
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	3,201	-	133	-	26	-
1971	2,835	-11.4%	152	14.3%	25	- 3.8%
1972	2,634	- 7.1%	125	-17.8%	12	-52.0%
1973	2,701	2.5%	119	- 4.8%	14	16.7%
1974	3,109	15.1%	148	24.4%	24	71.4%
1975	3,057	- 1.7%	229	54.7%	48	100.0%
1976	2,445	-20.0%	272	18.8%	14	-70.8%
1977	2,928	19.8%	438	61.0%	44	214.3%
1978	2,411	-17.7%	387	-11.6%	75	70.5%

The above table highlights two facets of the metal mining industry in the State. The first is the insignificance of the industry in Nevada's two major urban areas. The second is the volatility of the industry in general, which has been primarily due to the changing fortunes of the copper industry. In fact, copper mining employment (SIC 1021) now ranks third to employment in metal mining services (SIC 1081) and the mining of gold ores (SIC 1041).

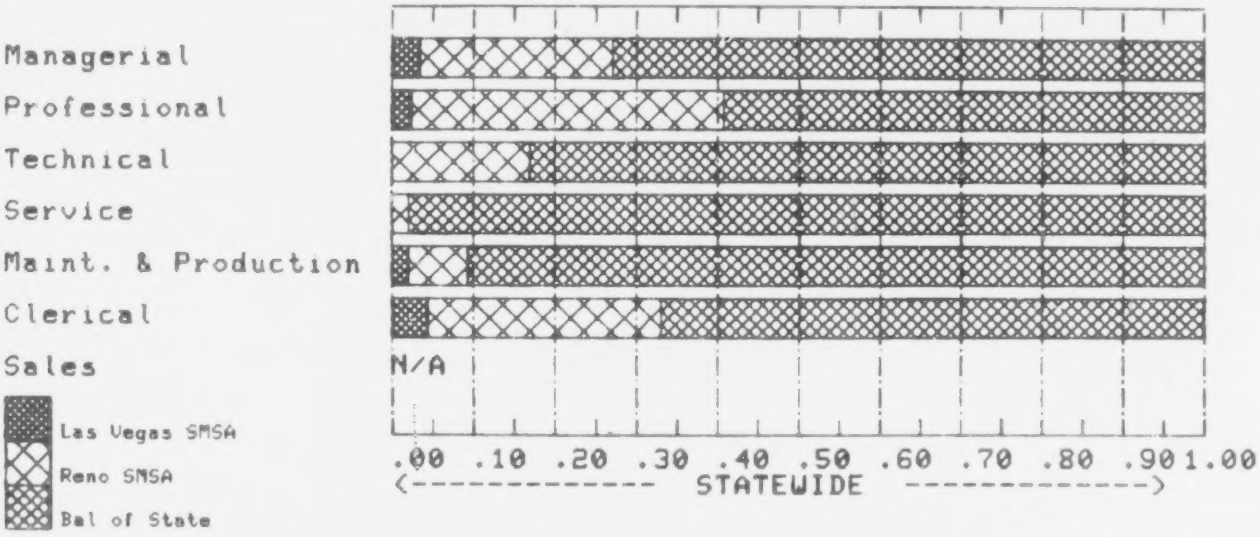
On the next page are graphs depicting the Statewide employment trend of the metal mining industry, as well as its broad occupational structure. Following that is a table showing the detailed occupational staffing pattern of the industry.

State of Nevada

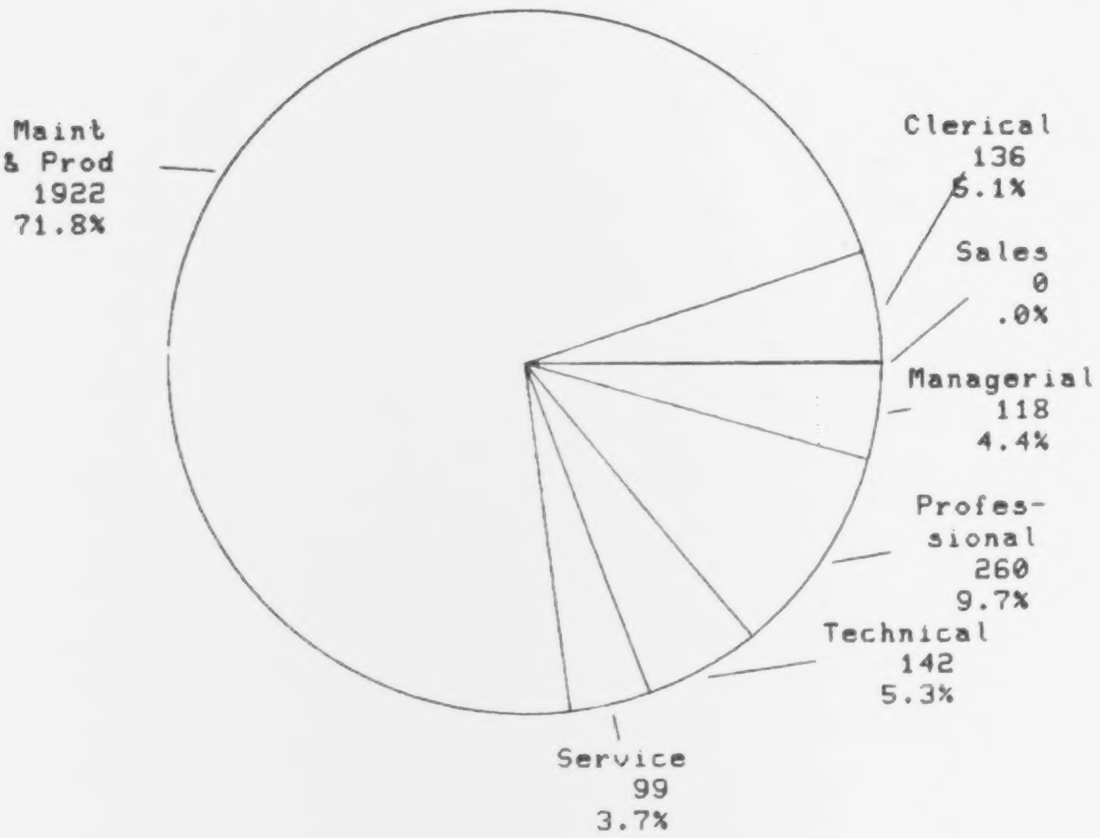
SIC 10 and Total Mining Employment

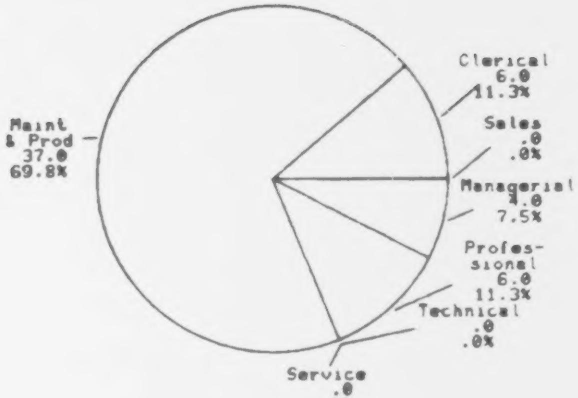


SIC 10 - Employment Distribution
Occupations By Area As Percent Of State Total

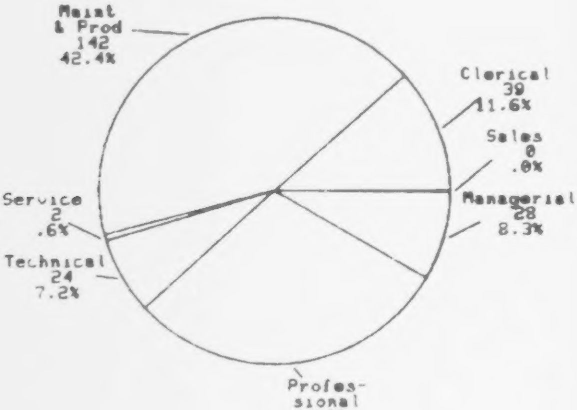


SIC 10 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 3

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN METAL MINING
(SIC 10)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,680	NA	100.0
MANAGERS AND OFFICERS	120	9	4.4
PROFESSIONAL OCCUPATIONS	260	NA	9.7
METALLURGISTS/METALLURGICAL ENGINEERS	20	11	0.6
MINING ENGINEERS	30	21	1.3
SAFETY ENGINEERS	10	5	0.4
CHEMISTS	10	5	0.5
GEOLOGISTS AND GEOPHYSICISTS	150	17	5.4
PURCHASING AGENTS/BUYERS	10	14	0.4
ACCOUNTANTS/AUDITORS	10	13	0.5
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	0.6
TECHNICAL OCCUPATIONS	140	NA	5.3
DRAFTERS	30	39	1.0
ENGINEERING TECHNICIANS, N.E.C.	30	12	1.3
SCIENCE TECHNICIANS	70	8	2.4
ALL OTHER TECHNICAL OCCUPATIONS	20	NA	0.6
SERVICE OCCUPATIONS	100	NA	3.7
JANITORS, PORTERS, CLEANERS	20	15	0.7
GUARDS AND DOORKEEPERS	70	9	2.7
ALL OTHER SERVICE OCCUPATIONS	10	NA	0.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,920	NA	71.8
AUTOMOTIVE MECHANICS	40	13	1.5
DIESEL MECHANICS	150	7	5.4
MINE-MACHINERY MECHANICS	20	40	0.6
MAINTENANCE MECHANICS	130	15	4.8
TRUCK DRIVERS	210	6	7.9
MINING/QUARRYING BLASTERS	30	23	1.1
HAND DRILLERS	50	7	1.9
MACHINE DRILLERS	120	17	4.4
ELECTRICIANS	50	6	2.0
NONWORKING SUPERVISORS	180	6	6.6
HEAVY EQUIPMENT OPERATORS	160	6	5.9
TRADES HELPERS	120	13	4.5
OILERS	50	6	1.9
WELDERS/FLAMECUTTERS	20	29	0.6
MILL/GRINDER OPERATORS	160	15	5.9
SKILLED WORKERS, N.E.C.	70	1	2.7
LABORERS, N.E.C.	270	8	9.9
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	4.0

TABLE 3 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN METAL MINING
(SIC 10)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
CLERICAL OCCUPATIONS	140	NA	5.1
HAND BOOKKEEPERS	10	19	0.4
GENERAL OFFICE CLERKS	20	25	0.7
PAYROLL/TIMEKEEPING CLERKS	10	10	0.4
SECRETARIES	40	21	1.6
ALL OTHER CLERICAL OCCUPATIONS	50	NA	2.0

SIC 14 - MINING AND QUARRYING OF NONMETALLIC MINERALS (EXCEPT FUELS)

Included in SIC 14 are establishments primarily engaged in mining or quarrying, developing mines, or exploring for nonmetallic minerals, except fuels. Also included are certain well and brine operations, and primary preparation plants, such as those engaged in crushing, grinding, washing, or other treatment.

Wage and Salary Employment* 1970 to 1978
In Nevada and the SMSA's
(SIC 14)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	867	-	106	-	76	-
1971	808	- 6.8%	107	0.9%	55	-27.6%
1972	826	2.2%	99	7.5%	63	14.5%
1973	972	17.7%	113	14.1%	101	60.3%
1974	1,180	21.4%	113	0.0%	141	39.6%
1975	1,346	14.1%	118	4.4%	233	65.2%
1976	1,274	- 5.3%	112	- 5.1%	167	-28.3%
1977	1,415	11.1%	124	10.7%	132	-21.0%
1978	1,794	26.8%	177	42.7%	138	4.5%

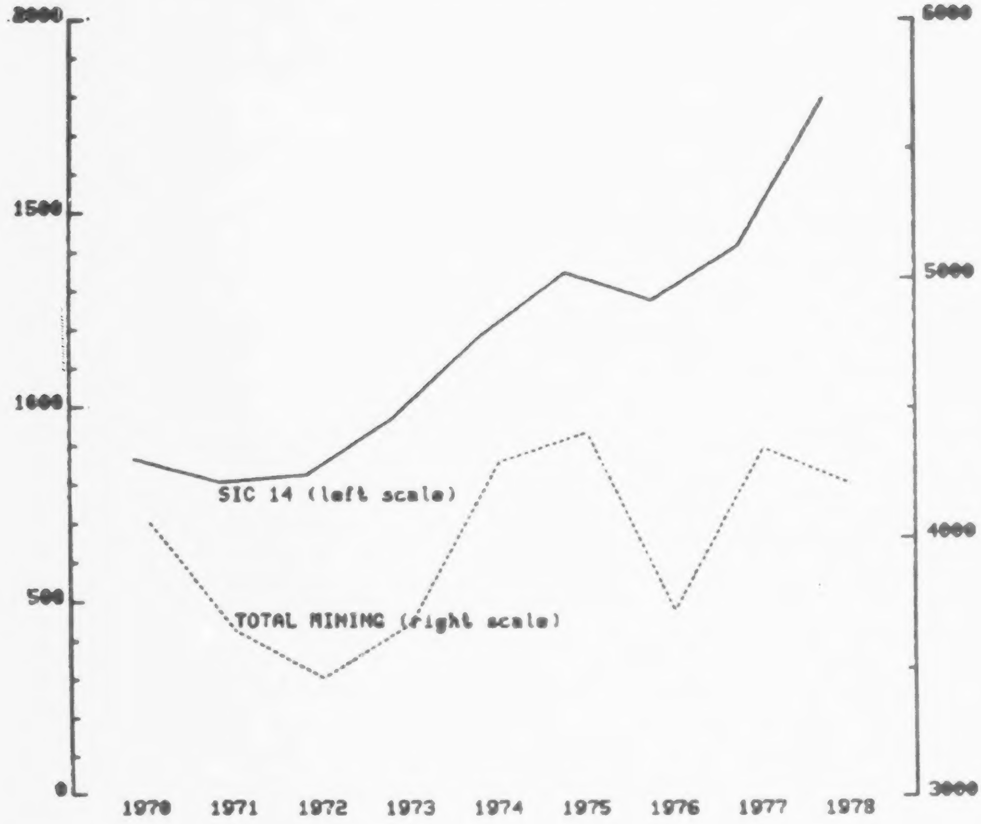
* Figures include employment in the oil and gas extraction industry (SIC 13).

An analysis of employment in SIC 14 based on the above table is somewhat difficult because of the inclusion of SIC 13. In general, however, nonmetallic minerals mining has evidenced a much more stable pattern than metal mining. The decade has provided moderate growth for the industry, particularly in the nonmetropolitan areas of the State. Employment in SIC 14 is concentrated in bentonite mining (SIC 1452); other clay, ceramic, and refractory minerals mining (SIC 1459); and barite mining (SIC 1472).

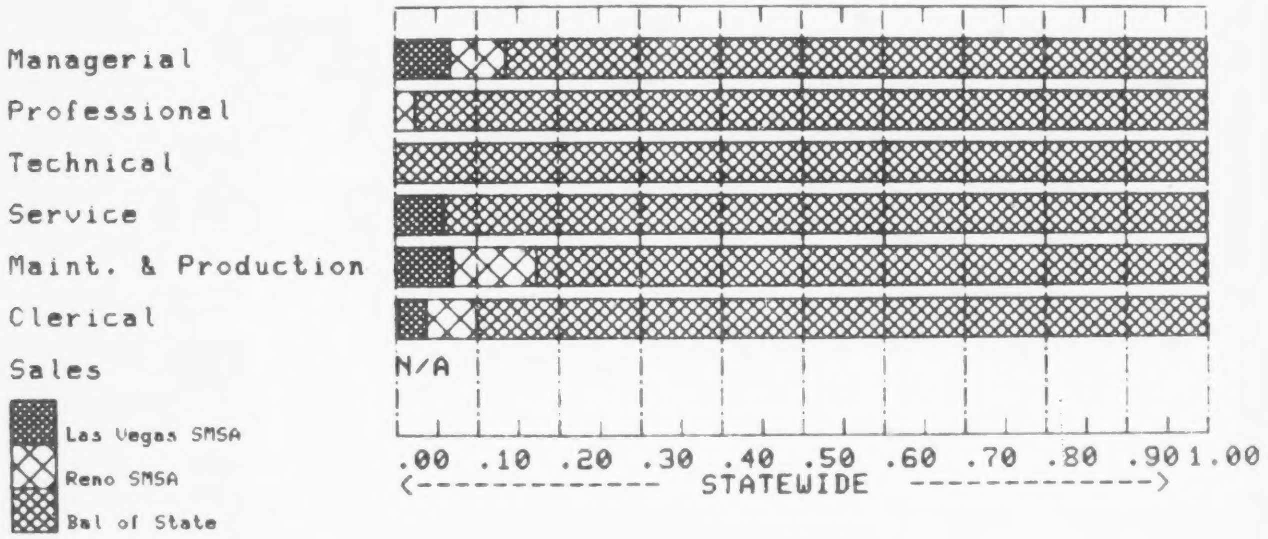
Graphs of the employment trend and occupational structure as well as a table depicting State staffing in SIC 14 follow.

State of Nevada

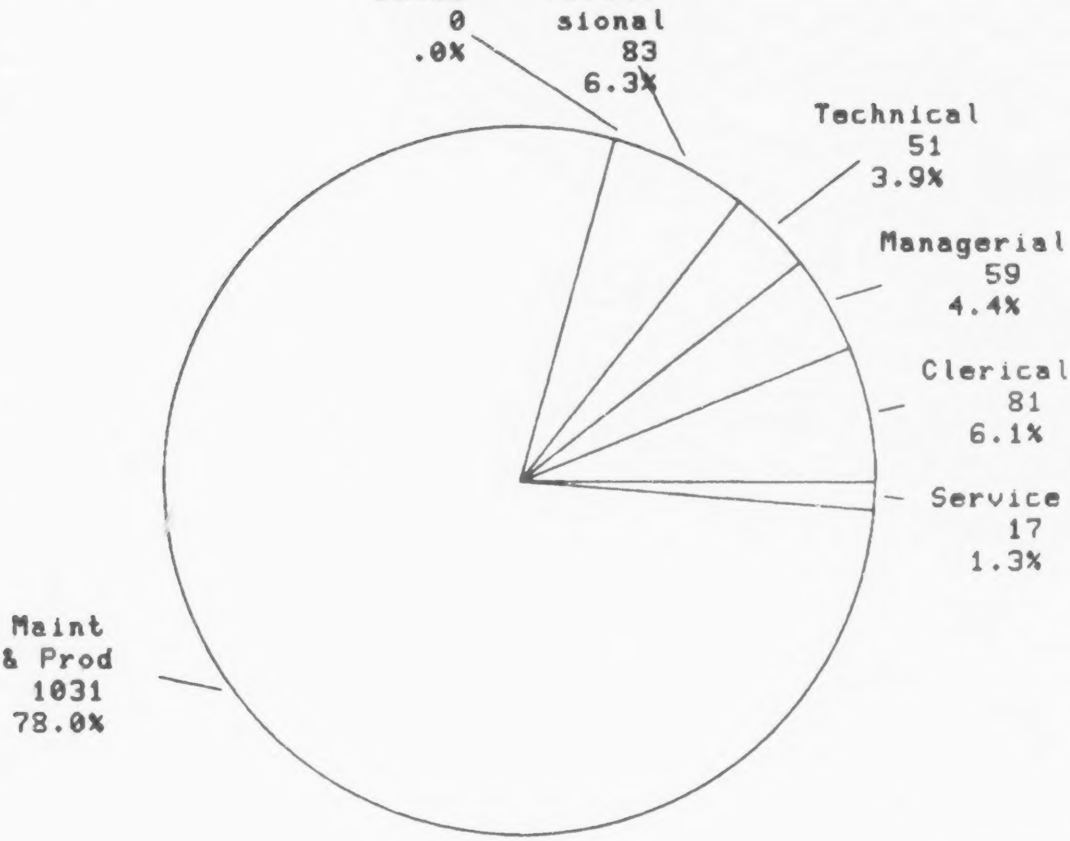
SIC 14 and Total Mining Employment

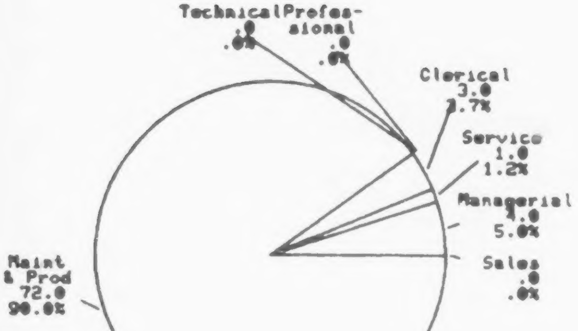


SIC 14 - Employment Distribution
Occupations By Area As Percent Of State Total

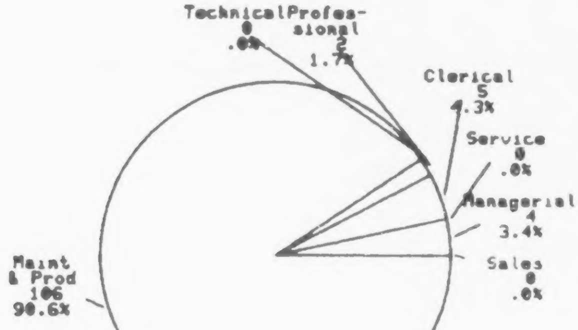


SIC 14 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 4

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN NONMETALLIC MINERALS MINING
(SIC 14)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,320	NA	100.0
MANAGERS AND OFFICERS	60	2	4.5
PROFESSIONAL OCCUPATIONS	80	NA	6.3
MINING ENGINEERS	10	10	0.8
CHEMISTS	20	4	1.7
ACCOUNTANTS/AUDITORS	10	1	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	3.0
TECHNICAL OCCUPATIONS	50	NA	3.9
SCIENCE TECHNICIANS	40	18	2.8
ALL OTHER TECHNICAL OCCUPATIONS	20	NA	1.1
SERVICE OCCUPATIONS	20	NA	1.3
JANITORS, PORTERS, CLEANERS	10	3	0.9
ALL OTHER SERVICE OCCUPATIONS	10	NA	0.4
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,030	NA	78.0
AUTOMOTIVE MECHANICS	20	5	1.4
DIESEL MECHANICS	30	24	2.0
MINE-MACHINERY MECHANICS	20	0	1.2
MAINTENANCE MECHANICS	20	15	1.6
TRUCK DRIVERS	120	6	9.0
MINING/QUARRYING BLASTERS	10	0	1.1
ORE DRIER OPERATORS	20	3	1.8
MACHINE DRILLERS	30	2	2.3
ELECTRICIANS	20	9	1.5
NONWORKING SUPERVISORS	20	11	1.6
HEAVY EQUIPMENT OPERATORS	120	6	9.2
INDUSTRIAL TRUCK OPERATORS	30	2	2.3
LOADING MACHINE OPERATORS	20	7	1.8
MAINTENANCE REPAIRERS	110	19	8.5
TRADES HELPERS	20	0	1.7
OILERS	30	9	1.9
PANELBOARD/GRINDMILL OPERATORS	20	0	1.7
MILL/GRINDER OPERATORS	60	13	4.3
SEMISKILLED WORKERS, N.E.C.	80	21	6.4
LABORERS, N.E.C.	130	4	9.9
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	7.9
CLERICAL OCCUPATIONS	80	NA	6.1
GENERAL OFFICE CLERKS	10	15	0.8
SECRETARIES	20	1	1.3
STOCKROOM CLERKS	10	13	0.8
ALL OTHER CLERICAL OCCUPATIONS	40	NA	3.3

NEVADA

EMPLOYMENT TRENDS AND OVERVIEW - CONSTRUCTION

As is probably true throughout the United States, construction can probably be best described as Nevada's "boom and bust" industry. While overall employment growth in Nevada has been continuous for thirty years, though at varying rates, construction employment has fluctuated significantly. At times this has coincided with periods of national recession or growth, while on other occasions general expansion or contraction has been unique to Nevada. The most recent construction downturn occured during the 1974-75 national recession, with an approximate job loss of 33 percent. However, since the low point in 1975, explosive expansion has more than doubled the number of jobs in the industry.

Table 5 shows the trends in construction employment over the past eight years in various western states and the nation. A definitive analysis is impossible because the table's data do not take into account the particular stage in the construction cycle represented by the fixed years. However, it appears that Nevada's construction industry is pretty typical of the pattern in the western states; and, not surprisingly, the percentage of construction jobs in this State is far higher than in the United States as a whole, where growth has been very slow on average.

Looking into the future, the construction industry should pretty much match its past record. The long term trend should be one of continuing growth with intervening periods of substantial fluctuation. A major Defense Department project that has been proposed for four western states, including Nevada, could alter the outlook for the Nevada construction industry considerably in the 1980's. However, since no final decisions have been reached as to if, when, or where it will be built, any speculation on its impact is meaningless.

Data on the construction industry for Nevada, Las Vegas, and Reno are presented on the following pages.

TABLE 5

COMPARISON OF CONSTRUCTION EMPLOYMENT IN THE UNITED STATES AND SELECTED WESTERN STATES (1970 and 1978)

	1970		1978		1970-1978
	Total Construction Employment (In Thousands)	Percent of Total Nonagricultural Employment	Total Construction Employment (In Thousands)	Percent of Total Nonagricultural Employment	Annual Average Percentage Change in Construction Employment
United States	3,536.0	5.0%	4,213.0	4.9%	2.2%
Arizona	37.1	6.8%	68.8	7.8%	8.0%
Colorado	41.1	5.5%	72.3	6.4%	7.3%
Idaho	10.9	5.3%	20.3	6.2%	8.1%
Montana	11.0	5.5%	16.3	5.9%	5.0%
New Mexico	16.6	5.7%	35.4	8.0%	9.9%
Utah	14.6	4.1%	35.1	6.7%	11.6%
Wyoming	7.0	6.4%	21.5	11.4%	15.1%
Nevada	12.2	6.0%	26.1	7.5%	10.0%

SOURCES: Employment and Earnings, States and Areas 1939-75.
Employment and Earnings, United States, 1909-75.
Employment and Earnings, January 1979, p. 200.
Employment and Earnings, May 1979, pp. 127-137.

SIC 15 - BUILDING CONSTRUCTION
(GENERAL CONTRACTORS AND OPERATIVE BUILDERS)

The major group includes general contractors and operative builders primarily engaged in the construction of residential, farm, industrial, commercial, or other buildings. Also included are general building contractors who combine a special trade with the contracting.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 15)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	3,063	-	1,083	-	1,457	-
1971	3,874	26.5%	1,474	36.1%	1,722	18.2%
1972	4,463	15.2%	1,875	27.2%	1,814	5.3%
1973	5,412	21.3%	1,926	2.7%	2,505	38.1%
1974	4,480	-17.2%	1,408	-26.9%	2,147	-14.3%
1975*	3,733	*	1,261	*	1,819	*
1976	4,359	16.8%	1,643	30.3%	1,982	9.0%
1977	6,213	42.5%	2,552	55.3%	2,741	38.3%
1978	8,030	29.2%	2,794	9.5%	3,830	39.7%

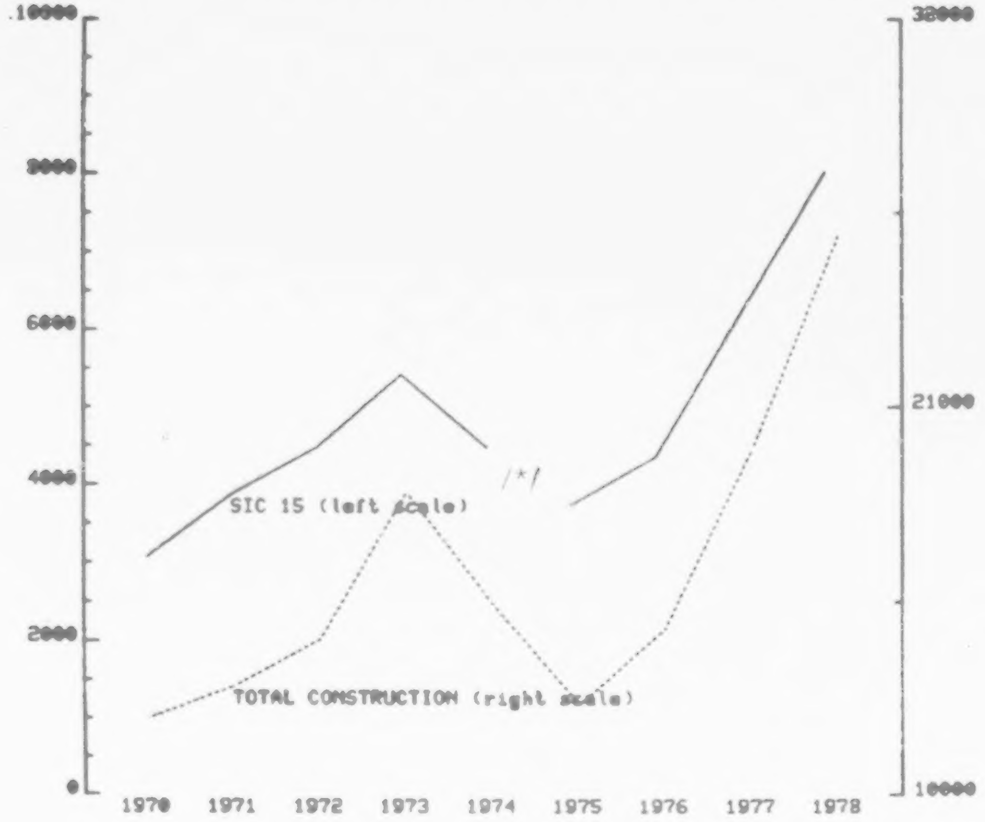
* Break in series - approximately 330 jobs gained Statewide due to recoding in first quarter, 1975.

The seventies have brought continuing growth to the building construction industry. The period has been marked by significant swings in activity with a major curtailment during 1974-75, coincidental with the national recession. It is interesting to note that the building slowdown and recovery in Reno tended to precede the same cycle in Las Vegas, although this may be due in part to a greater volatility in southern Nevada building. Almost half of the employment in SIC 15 is in the construction of single-family houses (SIC 1521). The remainder of employment is distributed among the four other detailed industries comprising the major group.

The next page contains graphs detailing the trend in employment and the occupational structure of the industry Statewide. Following that are tables that show staffing patterns of the industry within the State.

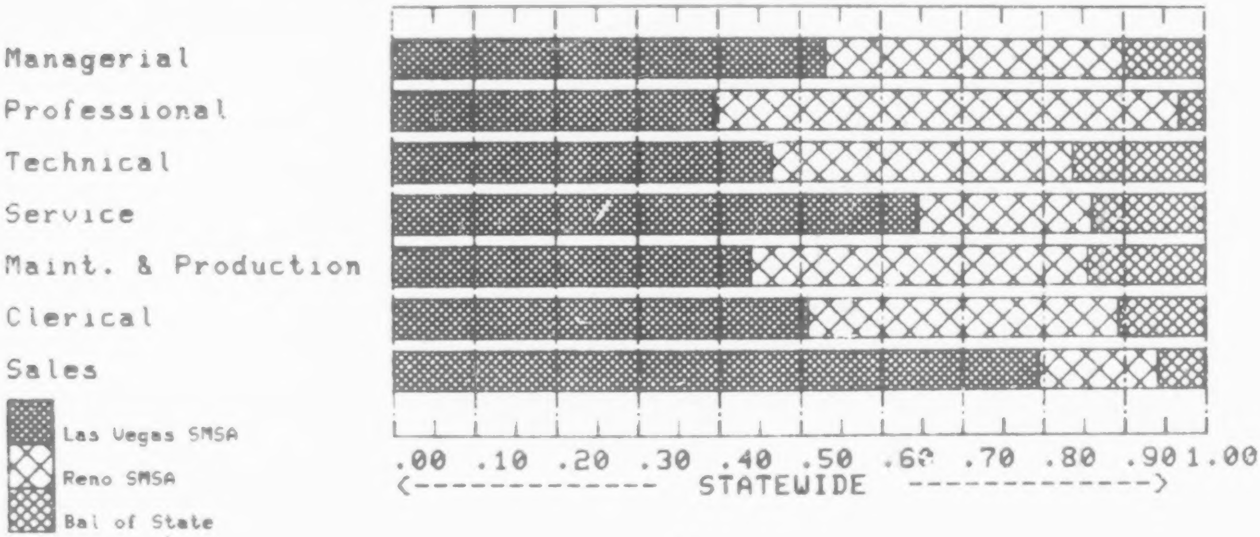
State of Nevada

SIC 15 and Total Construction Employment

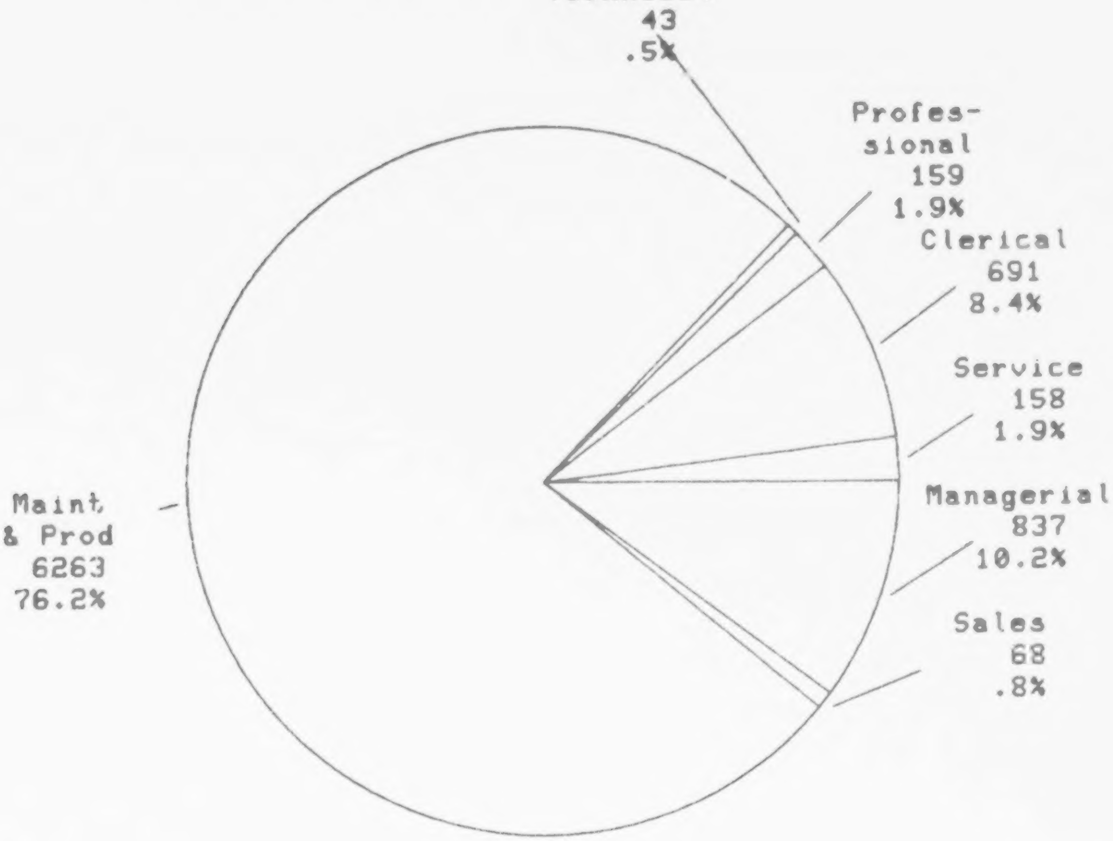


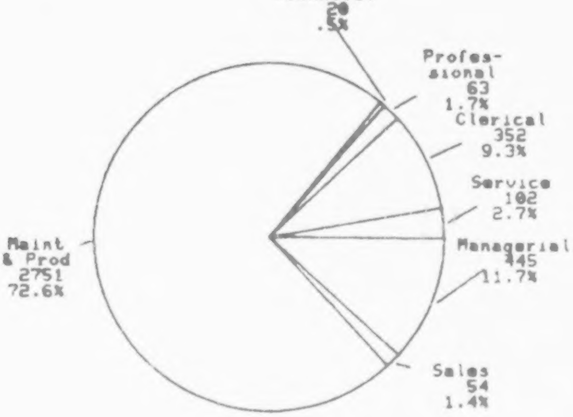
/*/ Break in series.

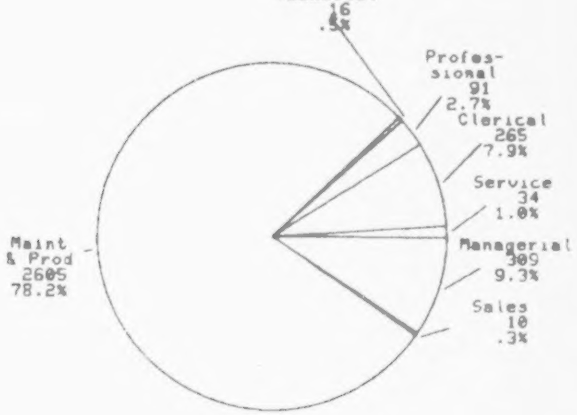
SIC 15 - Employment Distribution
Occupations By Area As Percent Of State Total



SIC 15 - Employment Distribution
Statewide







Las Vegas SMSA

Reno SMSA

TABLE 6

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN BUILDING CONSTRUCTION
(SIC 15)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	8,220	NA	100.0
MANAGERS AND OFFICERS	840	6	10.2
PROFESSIONAL OCCUPATIONS	160	NA	1.9
PURCHASING AGENTS/BUYERS	20	31	0.2
ACCOUNTANTS/AUDITORS	30	24	0.3
ENGINEERING COST ESTIMATORS	70	19	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	50	NA	0.6
TECHNICAL OCCUPATIONS	40	NA	0.5
DRAFTERS	40	26	0.5
SERVICE OCCUPATIONS	160	NA	1.9
JANITORS, PORTERS, CLEANERS	70	27	0.8
GUARDS AND DOORKEEPERS	40	32	0.5
ALL OTHER SERVICE OCCUPATIONS	50	NA	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	6,260	NA	76.2
TRUCK DRIVERS	70	24	0.8
CARPENTERS	2,940	6	35.7
CEMENT MASONS	220	17	2.6
DRYWALL APPLICATORS	80	29	1.0
NONWORKING SUPERVISORS	90	19	1.1
HEAVY EQUIPMENT OPERATORS	150	18	1.8
MAINTENANCE REPAIRERS	50	27	0.5
MAINTENANCE PAINTERS	90	22	1.1
PLUMBERS/PIPEFITTERS	140	26	1.7
REINFORCING-IRON WORKERS	40	33	0.5
TAPERS	50	31	0.6
CARPENTER HELPERS	550	12	6.6
CEMENT MASON HELPERS	50	25	0.6
SKILLED WORKERS, N.E.C.	100	35	1.2
LABORERS, N.E.C.	1,110	12	13.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	550	NA	6.7
CLERICAL OCCUPATIONS	690	NA	8.5
ACCOUNTING CLERKS	10	36	0.1
HAND BOOKKEEPERS	130	12	1.6
GENERAL OFFICE CLERKS	180	12	2.2
PAYROLL/TIMEKEEPING CLERKS	20	29	0.3
RECEPTIONISTS	20	23	0.2

TABLE 6 (CONT.)

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN BUILDING CONSTRUCTION
(SIC 15)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
SECRETARIES	250	10	3.0
OFFICE CLERKS, N.E.C.	30	6	0.4
ALL OTHER CLERICAL OCCUPATIONS	50	NA	0.6
SALES OCCUPATIONS	70	NA	0.8
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	60	32	0.8
ALL OTHER SALES OCCUPATIONS	10	NA	0.1

TABLE 7

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN BUILDING CONSTRUCTION
(SIC 15)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	3,790	NA	100.0
MANAGERS AND OFFICERS	450	8	11.7
PROFESSIONAL OCCUPATIONS	60	NA	1.7
ENGINEERING COST ESTIMATORS	20	23	0.6
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	1.1
TECHNICAL OCCUPATIONS	20	NA	0.5
DRAFTERS	20	33	0.5
SERVICE OCCUPATIONS	100	NA	2.7
JANITORS, PORTERS, CLEANERS	40	27	1.0
GUARDS AND DOORKEEPERS	30	35	0.7
ALL OTHER SERVICE OCCUPATIONS	40	NA	1.0
MAINTENANCE AND PRODUCTION OCCUPATIONS	2,750	NA	72.6
TRUCK DRIVERS	30	38	0.7
CARPENTERS	1,220	12	32.3
CEMENT MASONS	100	24	2.5
DRYWALL APPLICATORS	30	38	0.7
NONWORKING SUPERVISORS	40	25	1.0
HEAVY EQUIPMENT OPERATORS	90	21	2.3
MAINTENANCE REPAIRERS	40	30	0.9
MAINTENANCE PAINTERS	50	26	1.4
PLUMBERS/PIPEFITTERS	140	26	3.6
CARPENTER HELPERS	100	31	2.7
SKILLED WORKERS, N.E.C.	90	37	2.4
LABORERS, N.E.C.	590	15	15.6
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	250	NA	6.7
CLERICAL OCCUPATIONS	350	NA	9.3
HAND BOOKKEEPERS	60	17	1.5
GENERAL OFFICE CLERKS	70	22	1.8
RECEPTIONISTS	10	31	0.3
SECRETARIES	140	15	3.7
OFFICE CLERKS, N.E.C.	30	6	0.8
ALL OTHER CLERICAL OCCUPATIONS	50	NA	1.2
SALES OCCUPATIONS	50	NA	1.4
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	50	37	1.4

TABLE 8

RENO SMSA; JUNE 1978
EMPLOYMENT IN BUILDING CONSTRUCTION
(SIC 15)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	3,330	NA	100.0
MANAGERS AND OFFICERS	310	11	9.3
PROFESSIONAL OCCUPATIONS	90	NA	2.7
ACCOUNTANTS/AUDITORS	20	30	0.5
ENGINEERING COST ESTIMATORS	40	26	1.3
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	1.0
TECHNICAL OCCUPATIONS	20	NA	0.5
SERVICE OCCUPATIONS	30	NA	1.0
MAINTENANCE AND PRODUCTION OCCUPATIONS	2,610	NA	78.2
CARPENTERS	1,330	6	39.8
CEMENT MASONS	100	27	3.1
NONWORKING SUPERVISORS	50	27	1.6
HEAVY EQUIPMENT OPERATORS	40	32	1.1
CARPENTER HELPERS	290	16	8.9
LABORERS, N.E.C.	410	21	12.6
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	390	NA	11.7
CLERICAL OCCUPATIONS	270	NA	8.0
HAND BOOKKEEPERS	50	18	1.4
GENERAL OFFICE CLERKS	90	15	2.7
SECRETARIES	80	14	2.6
ALL OTHER CLERICAL OCCUPATIONS	50	NA	1.4
SALES OCCUPATIONS	10	NA	0.3

SIC 16 - CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION (GENERAL CONTRACTORS)

Included in SIC 16 are general contractors engaged in heavy construction such as highways and streets, bridges, sewers, railroads, irrigation projects, flood control projects and marine construction. General heavy construction contractors who combine a special trade with the contracting are also included.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 16)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	3,427	-	903	-	2,170	-
1971	2,874	-16.1%	882	- 2.3%	1,604	-26.1%
1972	2,366	-17.7%	668	-24.3%	1,202	-25.1%
1973	2,909	23.0%	878	31.4%	1,526	27.0%
1974	2,808	- 3.5%	804	- 8.4%	1,482	- 2.9%
1975*	1,901	*	617	*	836	*
1976	2,204	15.9%	713	13.9%	1,056	26.3%
1977	2,463	11.8%	890	24.8%	1,125	6.5%
1978	3,041	23.5%	1,000	12.4%	1,170	4.0%

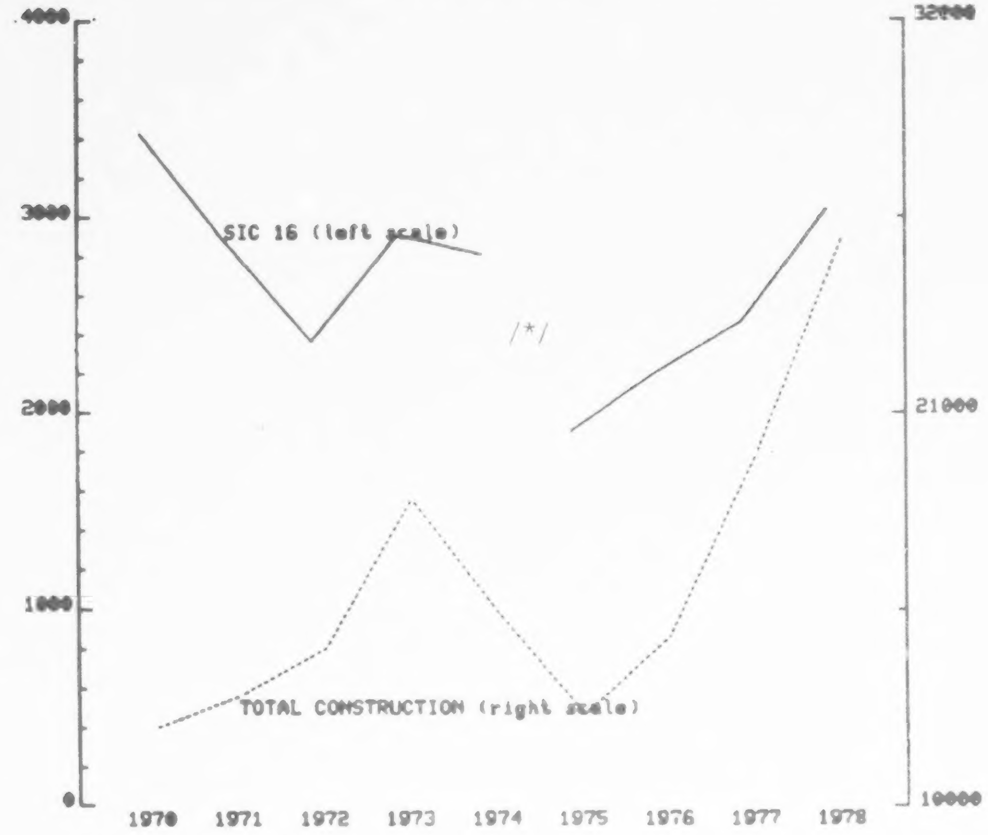
* Break in series - approximately 170 jobs lost Statewide due to recoding in first quarter, 1975.

In general, employment in SIC 16 has suffered throughout the decade; a general declining trend is evident. Much of this is probably due to the diminishing funding for highway and related construction, improvement, and repair. It appears that Clark County (Las Vegas) has taken the brunt of this slowdown. Most employment in the major group is shared among three of the four detailed industries: highway and street construction (SIC 1611); bridge, tunnel, and elevated highway construction (SIC 1622); and heavy construction not elsewhere classified (SIC 1629).

On the upcoming pages are graphs and tables depicting the employment trend and occupational staffing of SIC 16.

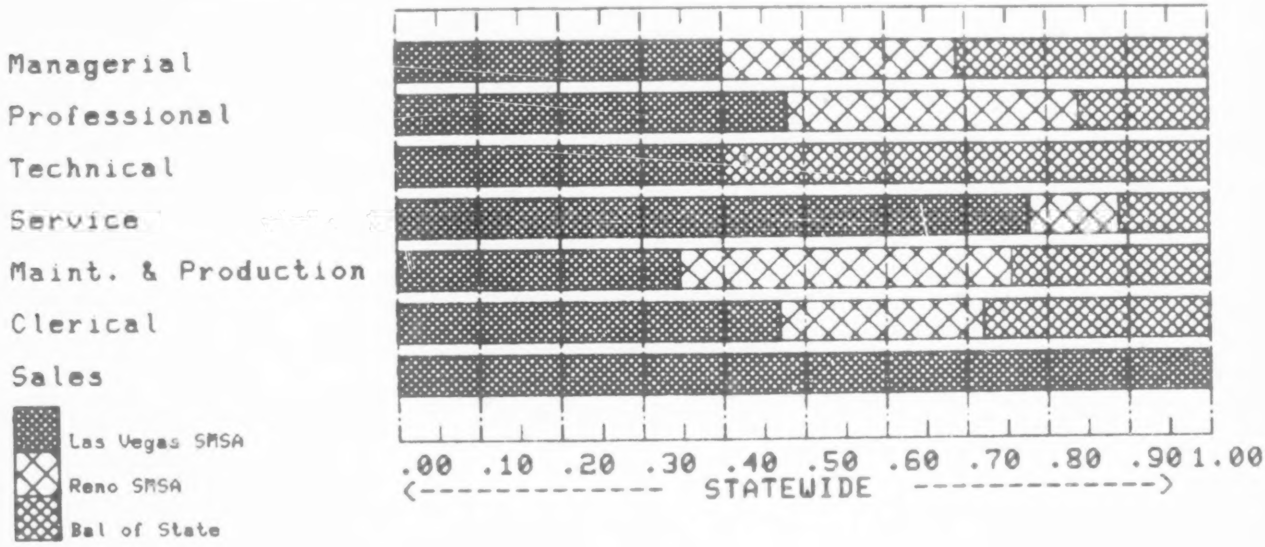
State of Nevada

SIC 16 and Total Construction Employment

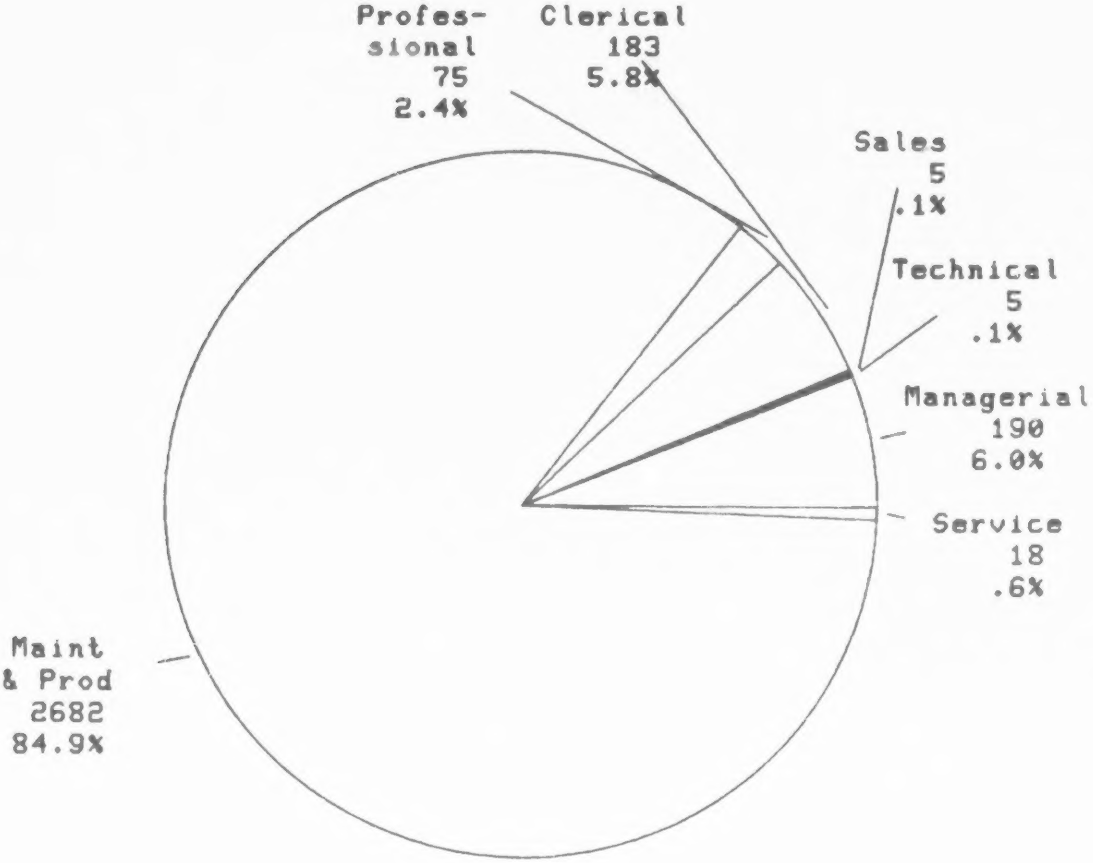


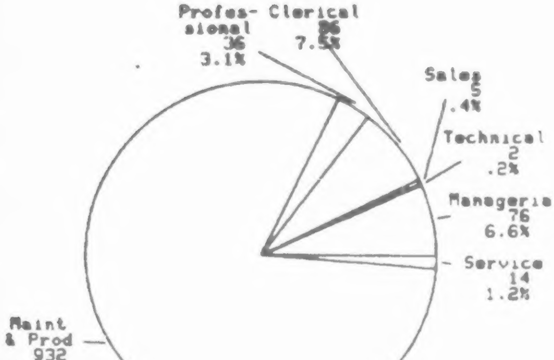
/*/ Break in series.

SIC 16 - Employment Distribution Occupations By Area As Percent Of State Total

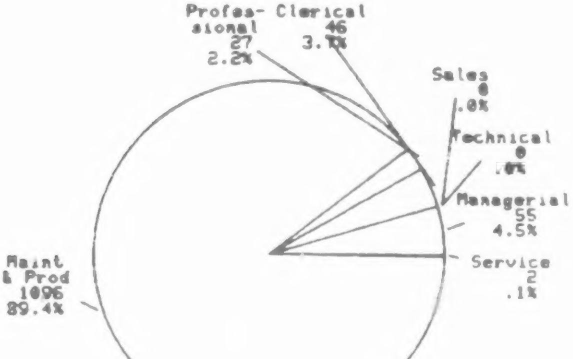


SIC 16 - Employment Distribution Statewide





Las Vegas SMSA



Reno SMSA

TABLE 9

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION
(SIC 16)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	3,160	NA	100.0
MANAGERS AND OFFICERS	190	15	6.0
PROFESSIONAL OCCUPATIONS	80	NA	2.4
CIVIL ENGINEERS	20	23	0.6
ACCOUNTANTS/AUDITORS	10	18	0.3
ENGINEERING COST ESTIMATORS	30	16	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	0.6
TECHNICAL OCCUPATIONS	10	NA	0.2
SERVICE OCCUPATIONS	20	NA	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	2,680	NA	84.9
AUTOMOTIVE MECHANICS	10	40	0.3
DIESEL MECHANICS	70	18	2.2
ENGINEERING EQUIPMENT MECHANICS	50	23	1.6
TRUCK DRIVERS	450	11	14.2
AIR-HAMMER OPERATORS	30	37	0.9
CEMENT MASONS	50	30	1.4
NONWORKING SUPERVISORS	40	13	1.3
HEAVY EQUIPMENT OPERATORS	780	7	24.8
OILERS	20	23	0.5
PIPELAYERS	80	19	2.6
LABORERS, N.E.C.	570	10	18.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	540	NA	17.0
CLERICAL OCCUPATIONS	180	NA	5.8
HAND BOOKKEEPERS	50	34	1.4
GENERAL OFFICE CLERKS	40	25	1.1
PAYROLL/TIMEKEEPING CLERKS	20	20	0.5
SECRETARIES	40	14	1.4
ALL OTHER CLERICAL OCCUPATIONS	50	NA	1.4
SALES OCCUPATIONS	10	NA	0.2

TABLE 10

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION
(SIC 16)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,150	NA	100.0
MANAGERS AND OFFICERS	80	3	6.6
PROFESSIONAL OCCUPATIONS	40	NA	3.1
ENGINEERING COST ESTIMATORS	20	10	1.3
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	1.8
SERVICE OCCUPATIONS	10	NA	1.2
MAINTENANCE AND PRODUCTION OCCUPATIONS	930	NA	81.0
DIESEL MECHANICS	30	30	2.5
ENGINEERING EQUIPMENT MECHANICS	30	7	2.3
TRUCK DRIVERS	150	13	13.2
HEAVY EQUIPMENT OPERATORS	210	3	18.4
OILERS	10	23	0.9
PIPELAYERS	40	0	3.2
LABORERS, N.E.C.	190	4	16.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	280	NA	24.0
CLERICAL OCCUPATIONS	90	NA	7.5
HAND BOOKKEEPERS	10	8	1.2
GENERAL OFFICE CLERKS	20	18	1.7
PAYROLL/TIMEKEEPING CLERKS	10	19	0.9
SECRETARIES	20	17	1.5
ALL OTHER CLERICAL OCCUPATIONS	30	NA	2.3
SALES OCCUPATIONS	10	NA	0.4

TABLE 11

RENO SMSA; JUNE 1978
EMPLOYMENT IN CONSTRUCTION OTHER THAN BUILDING CONSTRUCTION
(SIC 16)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,230	NA	100.0
MANAGERS AND OFFICERS	60	20	4.5
PROFESSIONAL OCCUPATIONS	30	NA	2.2
CIVIL ENGINEERS	10	24	0.8
ENGINEERING COST ESTIMATORS	10	36	0.9
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.5
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,100	NA	89.4
DIESEL MECHANICS	30	14	2.4
TRUCK DRIVERS	220	6	17.6
CARPENTERS	30	27	2.3
CEMENT MASONS	40	28	2.9
NONWORKING SUPERVISORS	20	30	1.4
HEAVY EQUIPMENT OPERATORS	380	4	30.8
PIPELAYERS	30	33	2.7
LABORERS, N.E.C.	240	8	19.7
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	9.2
CLERICAL OCCUPATIONS	50	NA	3.8
SECRETARIES	20	22	1.2
ALL OTHER CLERICAL OCCUPATIONS	30	NA	2.5

SIC 17 - CONSTRUCTION - SPECIAL TRADE CONTRACTORS

SIC 17 includes contractors who undertake specialized activities such as plumbing, painting, structural steel erection, excavating and foundation work, etc. Special trade contractors may work on sub-contract from the general contractor, or they may work directly for the owner.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 17)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	5,716	-	1,542	-	3,672	-
1971	6,381	11.6%	1,745	13.2%	4,078	11.1%
1972	7,615	19.3%	2,137	22.5%	4,746	16.4%
1973	10,254	34.7%	2,548	19.2%	6,576	38.6%
1974	8,139	-20.6%	2,100	-17.6%	5,137	-21.9%
1975*	6,960	*	1,905	*	4,260	*
1976	8,203	17.9%	2,320	21.8%	4,901	15.0%
1977	11,138	35.8%	3,584	54.5%	6,364	29.9%
1978	14,784	32.7%	4,402	70.4%	8,612	35.3%

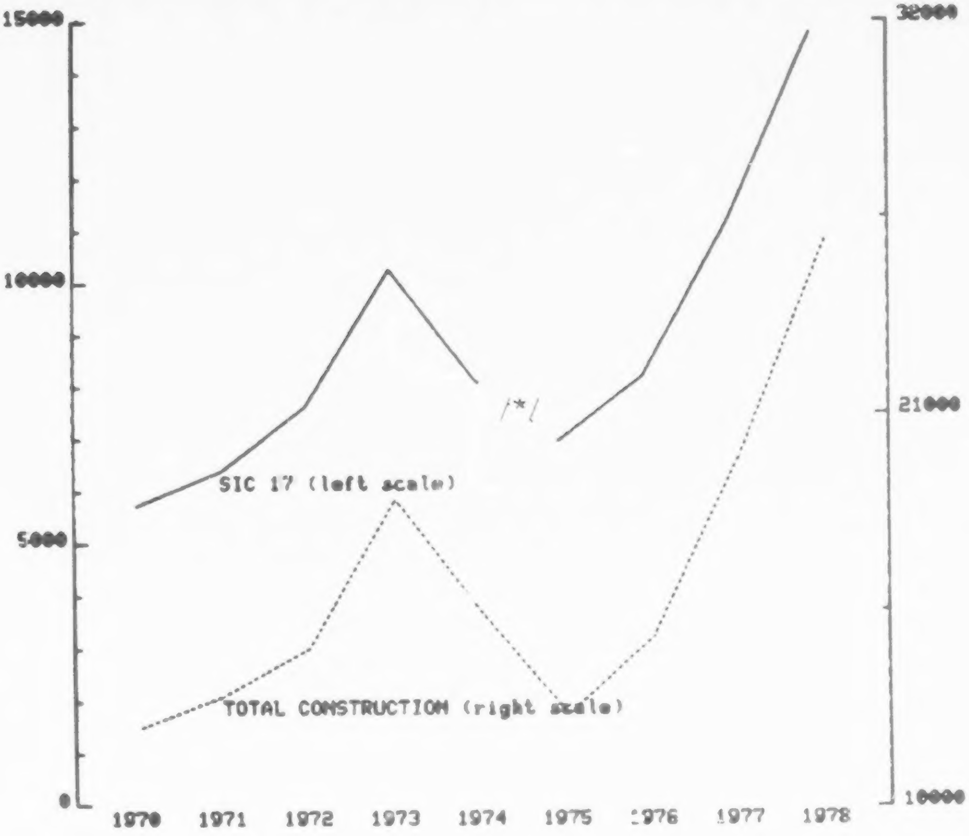
* Break in series - approximately 170 job gained Statewide due to recoding in first quarter, 1975.

As would be expected, employment trends in special trade construction have been closely allied to that in SIC 15 (general building contractors). Over the eight years employment has increased rapidly, except during 1974-75 when a severe building recession was noted. Reno's employment growth has generally outpaced that in Las Vegas. Of the numerous detailed industries that comprise the major group; contractors speicalizing in plumbing, heating, and air conditioning (SIC 1711) and electrical work (SIC 1731) are the largest in terms of employment.

Graphs showing the employment trend and occupational structure, as well as tables identifying staffing patterns in selected industry groups and areas follow.

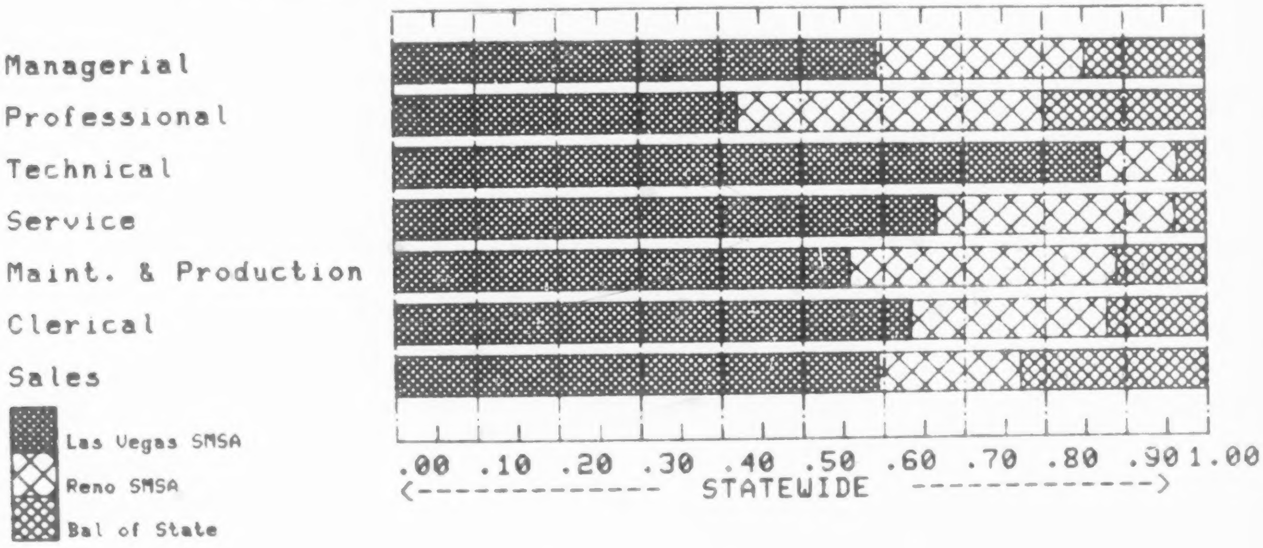
State of Nevada

SIC 17 and Total Construction Employment

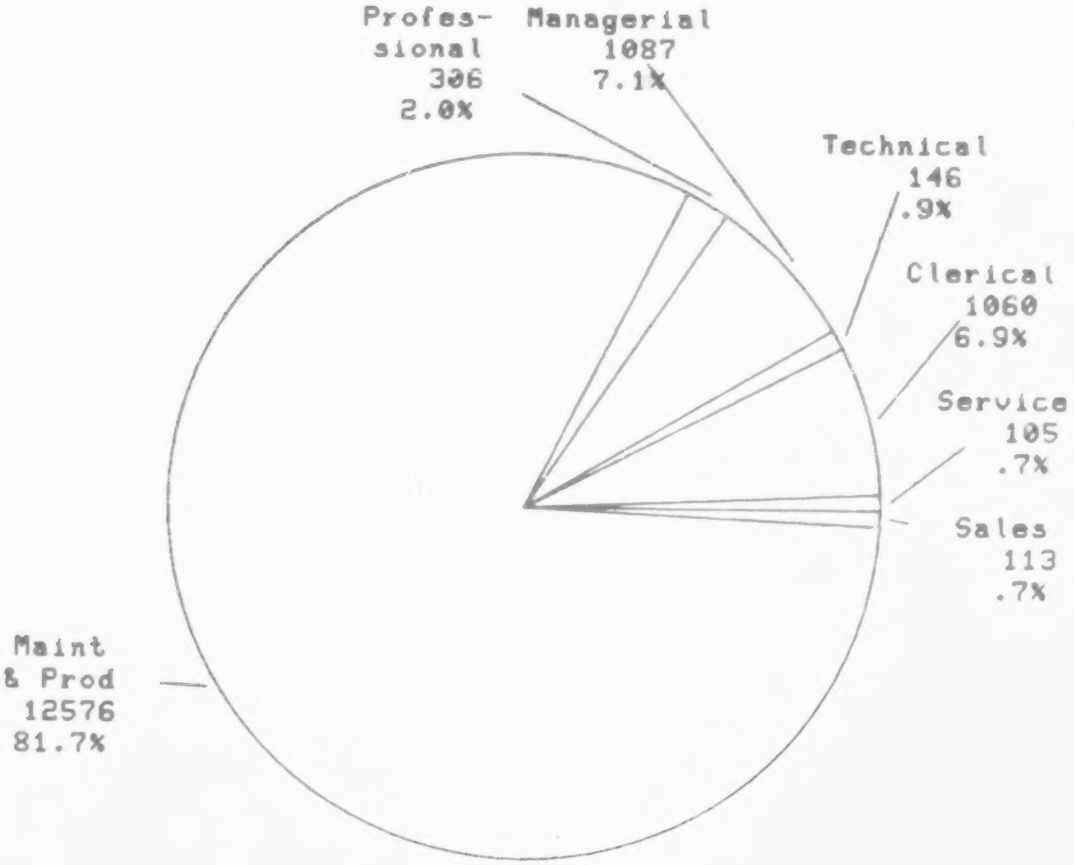


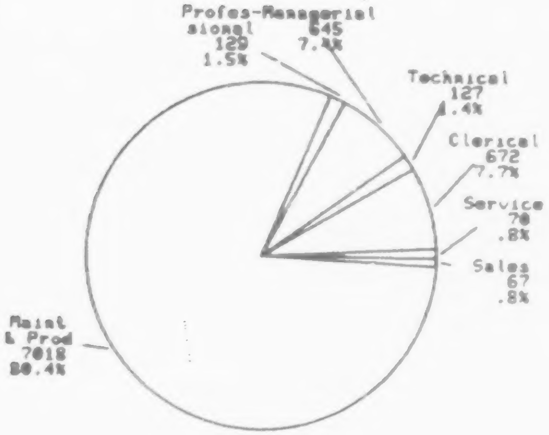
/*/ Break in series.

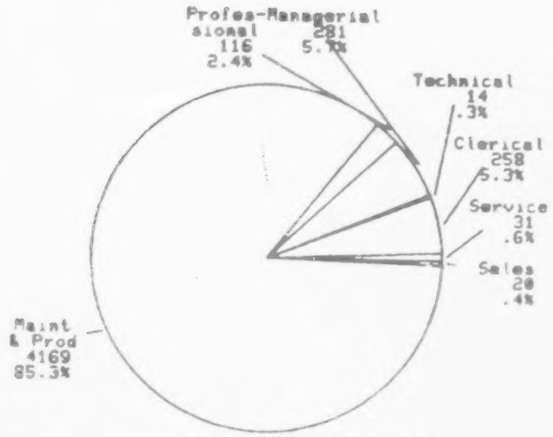
SIC 17 - Employment Distribution
Occupations By Area As Percent Of State Total



SIC 17 - Employment Distribution
Statewide







Las Vegas SMSA

Reno SMSA

TABLE 12

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN SPECIAL TRADE CONSTRUCTION
(SIC 17)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	15,390	NA	100.0
MANAGERS AND OFFICERS	1,090	4	7.1
PROFESSIONAL OCCUPATIONS	310	NA	2.0
ELECTRICAL/ELECTRONIC ENGINEERS	30	34	0.2
MECHANICAL ENGINEERS	30	36	0.2
PURCHASING AGENTS/BUYERS	30	22	0.2
ACCOUNTANTS/AUDITORS	40	15	0.3
ENGINEERING COST ESTIMATORS	170	7	1.1
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.0
TECHNICAL OCCUPATIONS	150	NA	0.9
DRAFTERS	20	26	0.1
ELECTRICAL/ELECTRONIC TECHNICIANS	120	20	0.8
ALL OTHER TECHNICAL OCCUPATIONS	10	NA	0.1
SERVICE OCCUPATIONS	110	NA	0.7
JANITORS, PORTERS, CLEANERS	110	27	0.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	12,580	NA	81.7
AUTOMOTIVE MECHANICS	10	28	0.1
MAINTENANCE MECHANICS	60	15	0.4
REFRIGERATION/AIR CONDITIONING MECHANICS	210	15	1.4
MECHANICS/REPAIRERS, N.E.C.	30	32	0.2
TRUCK DRIVERS	250	12	1.6
ASBESTOS/INSULATION WORKERS	190	15	1.2
BRICKLAYERS	380	16	2.5
CARPET CUTTERS/LAYERS	160	29	1.0
CARPENTERS	930	12	6.1
CEMENT MASONS	440	11	2.8
DRYWALL APPLICATORS	500	17	3.3
ELECTRICIANS	1,560	5	10.1
FENCE ERECTORS	60	40	0.4
NONWORKING SUPERVISORS	100	12	0.7
GLAZIERS	170	25	1.1
HEAVY EQUIPMENT OPERATORS	400	19	2.6
LATHERS	150	13	1.0
MAINTENANCE REPAIRERS	10	33	0.1
MAINTENANCE PAINTERS	770	19	5.0
PAPERHANGERS	40	35	0.2
PLASTERERS	200	15	1.3
PLUMBERS/PIPEFITTERS	1,220	8	7.9
REINFORCING-IRON WORKERS	80	38	0.5
ROOFERS	460	6	3.0

TABLE 12 (CONT.)

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN SPECIAL TRADE CONSTRUCTION
(SIC 17)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
SHEET METAL WORKERS	620	9	4.0
TAPERS	340	19	2.2
TILE SETTERS	210	23	1.3
WELDERS/FLAMECUTTERS	120	26	0.7
CEILING TILE INSTALLERS/FLOORLAYERS	40	32	0.2
BRICKLAYER HELPERS	190	21	1.2
CARPENTER HELPERS	20	11	0.1
CEMENT MASON HELPERS	90	19	0.6
ELECTRICIAN HELPERS	100	12	0.7
PLASTERER HELPERS	40	21	0.2
PLUMBER/PIPEFITTER HELPERS	160	14	1.1
ROOFER HELPERS	110	17	0.7
TILE SETTER HELPERS	150	26	0.9
SKILLED TRADES HELPERS, N.E.C.	200	12	1.3
SKILLED WORKERS, N.E.C.	210	19	1.3
SEMISKILLED WORKERS, N.E.C.	40	36	0.2
LABORERS, N.E.C.	940	7	6.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	640	NA	4.1
CLERICAL OCCUPATIONS	1,060	NA	6.9
HAND BOOKKEEPERS	170	7	1.1
GENERAL OFFICE CLERKS	350	6	2.3
PAYROLL/TIMEKEEPING CLERKS	50	13	0.3
SECRETARIES	270	6	1.7
OFFICE CLERKS, N.E.C.	30	24	0.2
PRODUCTION CLERKS/COORDINATORS	90	25	0.6
STOCKROOM CLERKS	110	18	0.4
ALL OTHER CLERICAL OCCUPATIONS	50	NA	0.3
SALES OCCUPATIONS	110	NA	0.7
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	110	17	0.7

TABLE 13

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN SPECIAL TRADE CONSTRUCTION
(SIC 17)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	8,730	NA	100.0
MANAGERS AND OFFICERS	650	3	7.4
PROFESSIONAL OCCUPATIONS	130	NA	1.5
ACCOUNTANTS/AUDITORS	20	15	0.2
ENGINEERING COST ESTIMATORS	70	9	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	0.4
TECHNICAL OCCUPATIONS	130	NA	1.5
ELECTRICAL/ELECTRONIC TECHNICIANS	110	21	1.3
ALL OTHER TECHNICAL OCCUPATIONS	10	NA	0.1
SERVICE OCCUPATIONS	70	NA	0.8
JANITORS, PORTERS, CLEANERS	70	37	0.8
MAINTENANCE AND PRODUCTION OCCUPATIONS	7,020	NA	80.4
MAINTENANCE MECHANICS	50	12	0.5
REFRIGERATION/AIR CONDITIONING MECHANICS	140	9	1.6
MECHANICS/REPAIRERS, N.E.C.	30	33	0.3
TRUCK DRIVERS	150	12	1.7
ASBESTOS/INSULATION WORKERS	160	14	1.8
BRICKLAYERS	190	16	2.2
CARPET CUTTERS/LAYERS	60	29	0.7
CARPENTERS	580	6	6.7
CEMENT MASONS	300	6	3.4
CRANE/DERRICK/HOIST OPERATORS	10	13	0.1
DRYWALL APPLICATORS	270	8	3.0
ELECTRICIANS	730	6	8.3
FENCE ERECTORS	40	32	0.4
NONWORKING SUPERVISORS	50	9	0.5
GLAZIERS	120	28	1.3
HEAVY EQUIPMENT OPERATORS	180	18	2.0
LATHERS	130	14	1.5
MAINTENANCE REPAIRERS	10	36	0.1
MAINTENANCE PAINTERS	320	8	3.7
PAPERHANGERS	20	18	0.2
PLASTERERS	150	15	1.7
PLUMBERS/PIPEFITTERS	650	4	7.5
ROOFERS	250	6	2.9
SHEET METAL WORKERS	300	5	3.5
TAPERS	130	9	1.5
TILE SETTERS	130	24	1.5
WELDERS/FLAME CUTTERS	70	29	0.8
CEILING TILE INSTALLERS/FLOOR LAYERS	30	34	0.3

TABLE 13 (CONT.)

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN SPECIAL TRADE CONSTRUCTION
(SIC 17)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
BRICKLAYER HELPERS	70	23	0.8
CARPENTER HELPERS	20	11	0.3
CEMENT MASON HELPERS	60	18	0.6
ELECTRICIAN HELPERS	60	10	0.7
PLASTERER HELPERS	30	22	0.4
PLUMBER/PIPEFITTER HELPERS	60	18	0.7
ROOFER HELPERS	70	17	0.8
TILE SETTER HELPERS	90	27	1.1
SKILLED TRADES HELPERS, N.E.C.	100	16	1.2
SKILLED WORKERS, N.E.C.	160	21	1.8
SEMISKILLED WORKERS, N.E.C.	30	40	0.3
LABORERS, N.E.C.	710	7	8.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	330	NA	3.8
CLERICAL OCCUPATIONS	670	NA	7.7
HAND BOOKKEEPERS	110	7	1.3
GENERAL OFFICE CLERKS	190	5	2.2
PAYROLL/TIMEKEEPING CLERKS	30	13	0.3
SECRETARIES	160	5	1.8
OFFICE CLERKS, N.E.C.	30	25	0.3
PRODUCTION CLERKS/COORDINATORS	80	26	1.0
STOCKROOM CLERKS	40	20	0.5
ALL OTHER CLERICAL OCCUPATIONS	30	NA	0.3
SALES OCCUPATIONS	70	NA	0.8
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	70	19	0.8

TABLE 14

RENO SMSA; JUNE 1978
EMPLOYMENT IN SPECIAL TRADE CONSTRUCTION
(SIC 17)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	4,890	NA	100.0
MANAGERS AND OFFICERS	280	10	5.7
PROFESSIONAL OCCUPATIONS	120	NA	2.4
ACCOUNTANTS/AUDITORS	10	26	0.3
ENGINEERING COST ESTIMATORS	70	11	1.5
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	0.6
TECHNICAL OCCUPATIONS	10	NA	0.3
DRAFTERS	10	31	0.2
SERVICE OCCUPATIONS	30	NA	0.6
JANITORS, PORTERS, CLEANERS	30	38	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	4,170	NA	85.3
TRUCK DRIVERS	50	27	1.0
BRICKLAYERS	130	33	2.7
CARPENTERS	340	31	7.0
CEMENT MASONS	70	35	1.5
DRYWALL APPLICATORS	190	38	3.9
ELECTRICIANS	600	4	12.3
NONWORKING SUPERVISORS	50	22	1.0
HEAVY EQUIPMENT OPERATORS	120	34	2.4
MAINTENANCE PAINTERS	420	33	8.7
PLUMBERS/PIPEFITTERS	480	20	9.8
ROOFERS	170	9	3.5
SHEET METAL WORKERS	280	17	5.7
TAPERS	190	33	3.8
BRICKLAYER HELPERS	80	34	1.7
CEMENT MASON HELPERS	40	40	0.8
ELECTRICIAN HELPERS	20	34	0.4
PLUMBER/PIPEFITTERS HELPERS	60	29	1.3
ROOFER HELPERS	40	35	0.8
LABORERS, N.E.C.	190	24	3.8
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	640	NA	13.0
CLERICAL OCCUPATIONS	260	NA	5.3
HAND BOOKKEEPERS	30	22	0.7
GENERAL OFFICE CLERKS	100	14	2.1
PAYROLL/TIMEKEEPING CLERKS	20	24	0.3
SECRETARIES	80	14	1.6
ALL OTHER CLERICAL OCCUPATIONS	30	NA	0.6
SALES OCCUPATIONS	20	NA	0.4
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	35	0.4

NEVADA

EMPLOYMENT TRENDS AND OVERVIEW - FINANCE, INSURANCE, AND REAL ESTATE (FIRE)

An analysis of long-term employment trends in the FIRE industry shows how the State of Nevada has matured in its growth and become a part of mainstream U.S.A. As late as 1940, this industry employed approximately one person for every 220 Nevadans compared to a 1:88 ratio throughout the United States. By 1978, this gap had closed to a point where approximately one FIRE job is generated for every 50 citizens both in Nevada and the Nation as a whole. Since the demand for FIRE services is pretty well attuned to family-oriented activities and views, it appears that Nevada life, at least in this respect, is not as atypical as often portrayed.

The accompanying table indicates the pattern of FIRE employment in the seventies. The major factor apparent is continuing solid growth. This is evident in both the national and the western states' employment figures. While FIRE employment growth in the western states has outpaced that in the United States, this can be almost totally explained by the much faster population rise in the West. Per capita demand for the services provided by the FIRE industry has also increased significantly during this time.

At least for the near term, FIRE employment should show little divergence from recent trends. The industry is virtually recession proof, even at the national level, where no year to year decline in employment has been experienced since World War II. Locally, the industry should continue to benefit from the State's large number of inmigrants. In the long run, this should become the prime determinant of industry growth, as the need for FIRE services levels out.

Following is analysis and data on specific FIRE industries.

TABLE 15

COMPARISON OF FINANCE, INSURANCE, AND REAL ESTATE (FIRE) EMPLOYMENT IN THE UNITED STATES AND SELECTED WESTERN STATES (1970 and 1978)

	1970		1978		1970-1978
	Total FIRE Employment (In Thousands)	Percent of Total Nonagricultural Employment	Total FIRE Employment (In Thousands)	Percent of Total Nonagricultural Employment	Annual Average Percentage Change in FIRE Employment
United States	3,687.0	5.2%	4,676.0	5.5%	3.0%
Arizona	30.5	5.6%	49.5	5.6%	6.2%
Colorado	39.6	5.3%	67.6	6.0%	6.9%
Idaho	8.0	3.8%	20.7	6.3%	12.6%
Montana	8.1	4.0%	12.1	4.4%	5.1%
New Mexico	12.7	4.3%	19.9	4.5%	5.8%
Utah	15.0	4.2%	24.4	4.6%	6.3%
Wyoming	3.7	3.4%	6.5	3.4%	7.3%
Nevada	8.2	4.0%	14.4	4.1%	7.3%

SOURCES: Employment and Earnings, States and Areas 1939-75.
Employment and Earnings, United States, 1909-75.
Employment and Earnings, January 1979, p. 200.
Employment and Earnings, May 1979, pp. 127-137.

SIC 60 - BANKING

This major group includes institutions which are engaged in deposit banking or closely related functions, including fiduciary activities.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 60)

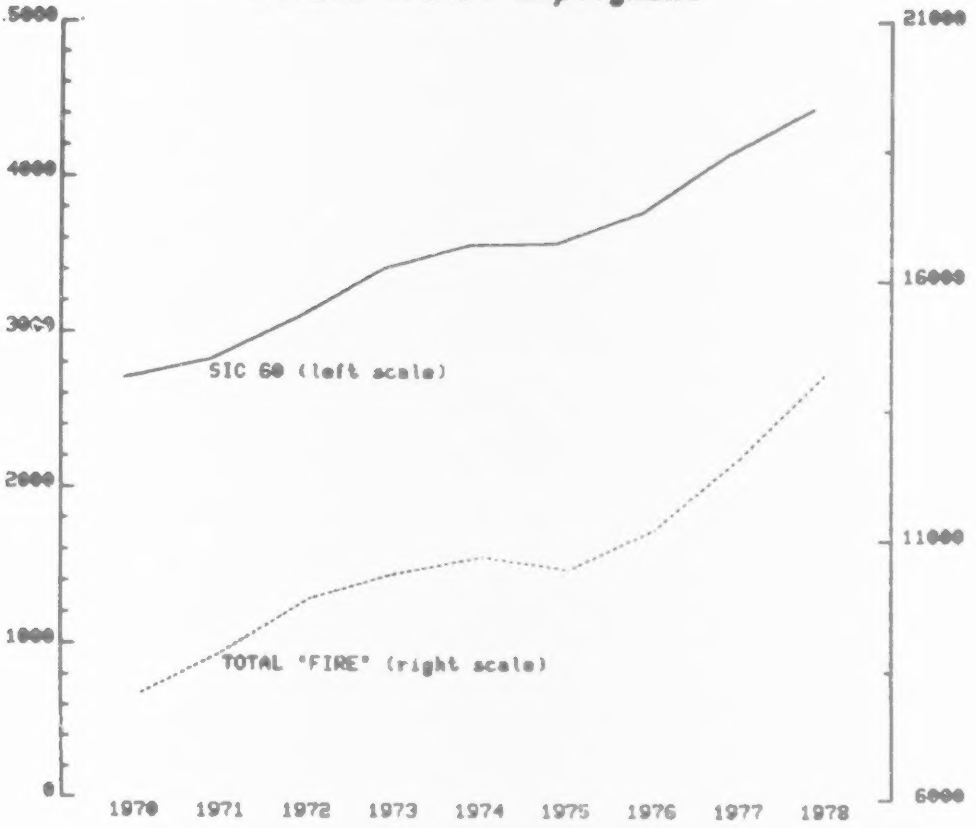
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	2,704	-	1,111	-	1,228	-
1971	2,824	4.4%	1,149	3.4%	1,311	6.8%
1972	3,093	9.5%	1,297	12.9%	1,427	8.8%
1973	3,410	10.2%	1,445	11.4%	1,568	9.9%
1974	3,560	4.4%	1,521	5.3%	1,632	4.1%
1975	3,570	0.3%	1,502	- 1.2%	1,653	1.3%
1976	3,768	5.5%	1,601	6.6%	1,730	4.7%
1977	4,141	9.9%	1,789	11.7%	1,875	8.4%
1978	4,437	7.1%	1,904	6.4%	2,055	9.6%

As the table indicates, the banking industry has experienced reasonably steady growth through the decade. The annual average increase has generally outpaced population growth, the prime determinant of demand for banking services, by about 2 percentage points per year. Almost 90 percent of the employment is concentrated in the two SMSA's. Although Las Vegas is twice as big as Reno, their employment totals are comparable, probably because most of the larger banks are headquartered in the smaller metropolitan area. Almost 75 percent of banking employment is in national banks that are members of the Federal Reserve System (SIC 6025).

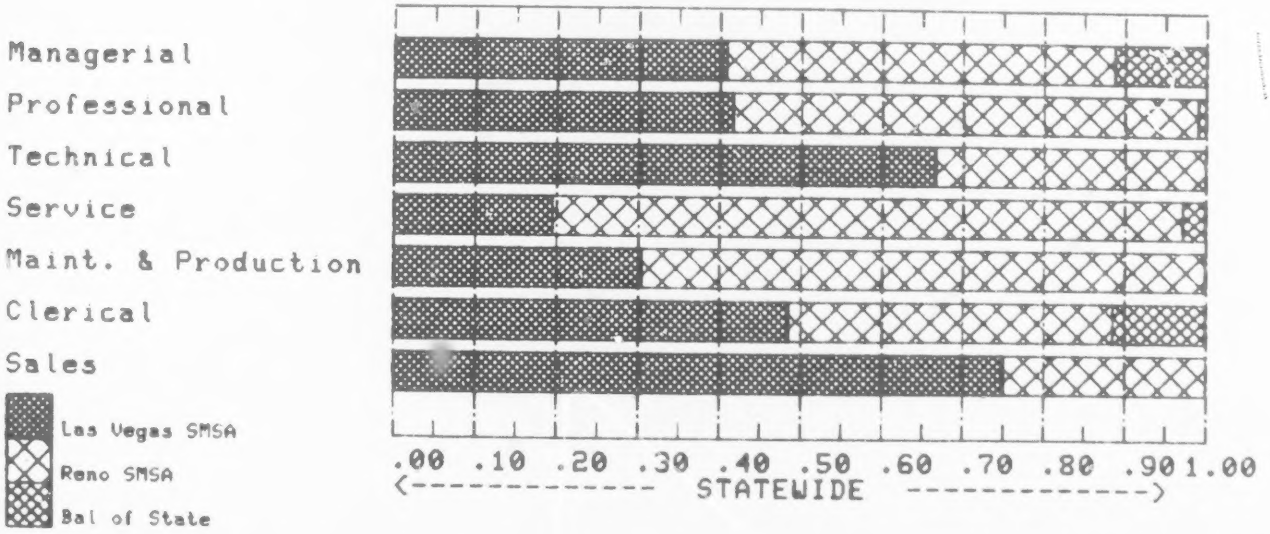
The next page contains graphs detailing the employment trend and occupational structure of the industry, following which are tables identifying the occupational staffing of the major group in the State, Las Vegas, and Reno.

State of Nevada

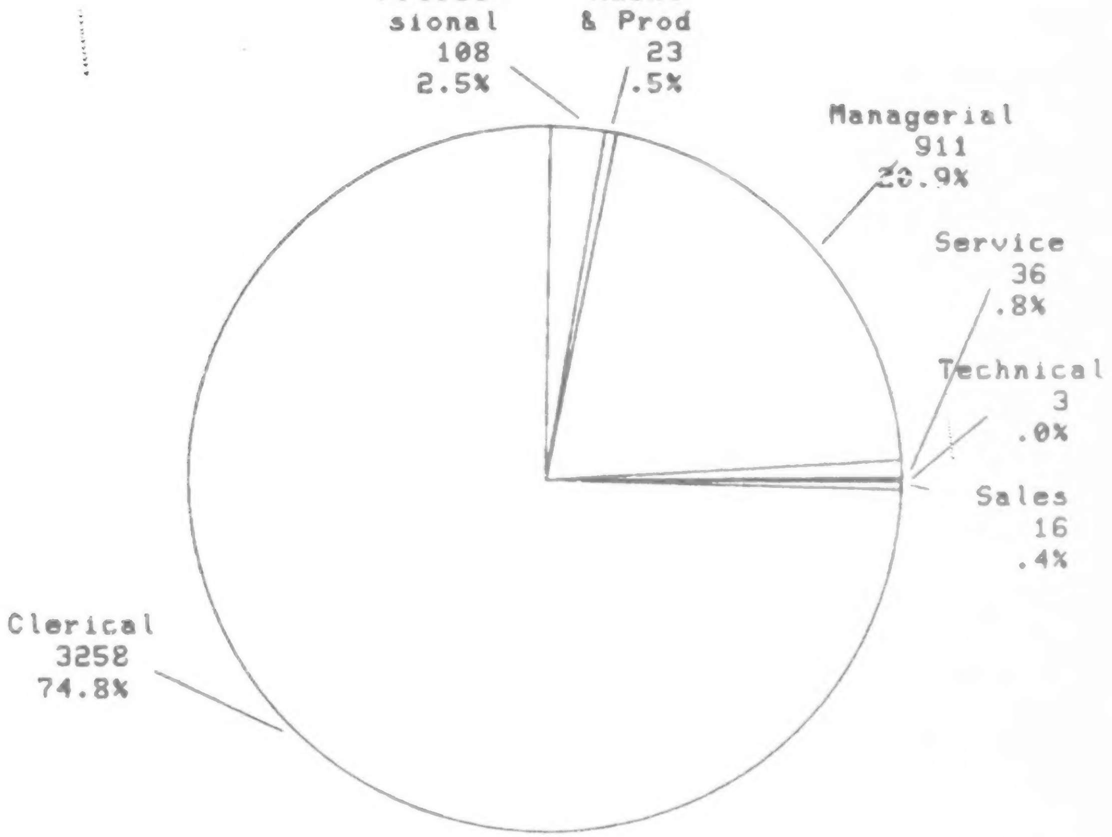
SIC 60 and Total Finance/Insurance/Real Estate (FIRE) Employment

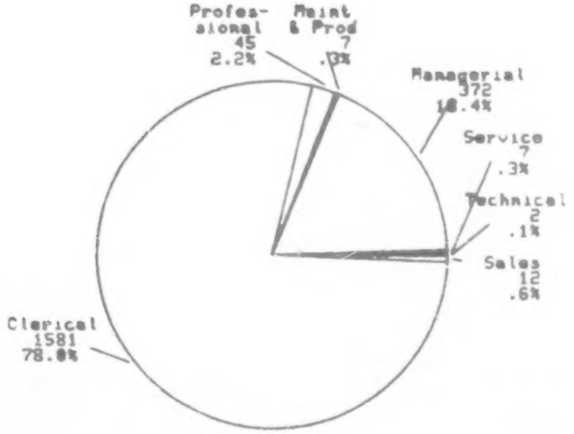


SIC 60 - Employment Distribution
Occupations By Area As Percent Of State Total

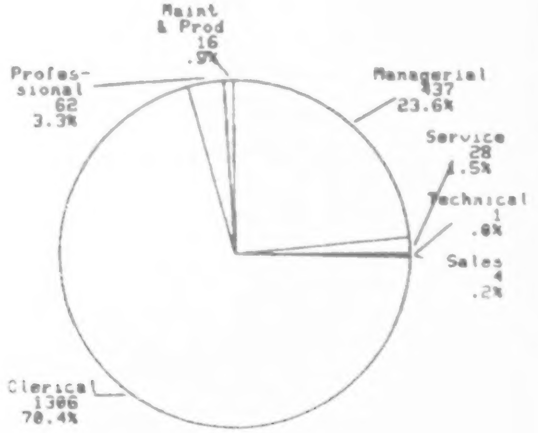


SIC 60 - Employment Distribution Statewide





Las Vegas SMSA



Reno SMSA

TABLE 16

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN BANKING
(SIC 60)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	4,360	NA	100.0
MANAGERS AND OFFICERS	910	1	20.9
PROFESSIONAL OCCUPATIONS	110	NA	2.5
ACCOUNTANTS/AUDITORS	30	4	0.6
CREDIT ANALYSTS	20	0	0.5
REAL ESTATE APPRAISERS	20	1	0.4
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	1.0
SERVICE OCCUPATIONS	40	NA	0.8
JANITORS, PORTERS, CLEANERS	20	13	0.4
ALL OTHER SERVICE OCCUPATIONS	20	NA	0.4
MAINTENANCE AND PRODUCTION OCCUPATIONS	20	NA	0.5
CLERICAL OCCUPATIONS	3,260	NA	74.8
KEYPUNCH OPERATORS	50	0	1.0
PROOF MACHINE OPERATORS	130	3	3.1
OFFICE MACHINE OPERATORS, N.E.C.	30	7	0.6
ACCOUNTING CLERKS	70	5	1.5
ADJUSTMENT CLERKS	20	3	0.5
CHECKING CLERKS	10	26	0.3
COLLECTORS	50	1	1.0
CREDIT REPORTERS	30	1	0.7
FILE CLERKS	20	3	0.4
GENERAL OFFICE CLERKS	320	4	7.2
MAIL CLERKS	20	5	0.4
NEW-ACCOUNTS TELLERS	110	5	2.5
PERSONNEL CLERKS	10	2	0.3
SAFE DEPOSIT CLERKS	30	17	0.8
SECRETARIES	290	1	6.6
STATEMENT CLERKS	100	2	2.3
SWITCHBOARD OPERATORS	20	2	0.4
TELLERS	1,490	1	34.1
TRANSIT CLERKS	20	23	0.4
TYPISTS	30	3	0.6
OFFICE CLERICAL SUPERVISORS	140	7	3.1
CREDIT CLERKS	30	14	0.6
MORTGAGE CLOSING CLERKS	20	1	0.3
BANK SORTING CLERKS	20	6	0.5

TABLE 16 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN BANKING
(SIC 60)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
OFFICE CLERKS, N.E.C.	140	2	3.2
ALL OTHER CLERICAL OCCUPATIONS	90	NA	2.1
SALES OCCUPATIONS	20	NA	0.4
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	14	0.4

TABLE 17

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN BANKING
(SIC 60)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,030	NA	100.0
MANAGERS AND OFFICERS	370	0	18.4
PROFESSIONAL OCCUPATIONS	50	NA	2.2
SERVICE OCCUPATIONS	10	NA	0.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	10	NA	0.3
CLERICAL OCCUPATIONS	1,580	NA	78.1
KEYPUNCH OPERATORS	30	0	1.7
PROOF MACHINE OPERATORS	70	0	3.6
ACCOUNTING CLERKS	20	3	1.1
COLLECTORS	20	1	1.0
GENERAL OFFICE CLERKS	140	2	7.0
NEW-ACCOUNTS TELLERS	60	0	3.0
SAFE DEPOSIT CLERKS	10	0	0.5
SECRETARIES	130	0	6.4
STATEMENT CLERKS	60	0	2.9
SWITCHBOARD OPERATORS	10	1	0.5
TELLERS	750	0	37.0
OFFICE CLERICAL SUPERVISORS	60	2	3.2
OFFICE CLERKS, N.E.C.	70	2	3.7
ALL OTHER CLERICAL OCCUPATIONS	140	NA	6.7
SALES OCCUPATIONS	10	NA	0.6
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	10	19	0.6

TABLE 18

RENO SMSA; MAY 1978
EMPLOYMENT IN BANKING
(SIC 60)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,850	NA	100.0
MANAGERS AND OFFICERS	440	2	23.5
PROFESSIONAL OCCUPATIONS	60	NA	3.3
ACCOUNTANTS/AUDITORS	10	8	0.8
CREDIT ANALYSTS	20	1	0.9
REAL ESTATE APPRAISERS	10	2	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	1.0
SERVICE OCCUPATIONS	30	NA	1.5
MAINTENANCE AND PRODUCTION OCCUPATIONS	20	NA	0.9
CLERICAL OCCUPATIONS	1,310	NA	70.4
PROOF MACHINE OPERATORS	60	5	3.2
ACCOUNTING CLERKS	40	4	2.2
ADJUSTMENT CLERKS	20	4	0.9
COLLECTORS	30	2	1.3
FILE CLERKS	10	4	0.7
GENERAL OFFICE CLERKS	140	8	7.5
NEW-ACCOUNTS TELLERS	40	6	2.2
PERSONNEL CLERKS	10	3	0.6
SAFE DEPOSIT CLERKS	20	25	1.2
SECRETARIES	130	2	6.9
STATEMENT CLERKS	40	5	2.3
TELLERS	470	1	25.3
TYPISTS	20	3	1.1
OFFICE CLERICAL SUPERVISORS	60	8	3.0
CREDIT CLERKS	10	18	0.8
ALL OTHER CLERICAL OCCUPATIONS	210	NA	11.2

SIC 61 - CREDIT AGENCIES OTHER THAN BANKS

This industry group includes establishments engaged in extending credit in the form of loans but not engaged in deposit banking.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 61)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	896	-	269	-	570	-
1971	890	- 0.7%	292	8.6%	552	- 3.2%
1972	1,093	22.8%	363	24.3%	672	21.7%
1973	1,248	14.2%	379	4.4%	783	16.5%
1974	1,294	3.7%	407	7.4%	791	1.0%
1975*	1,345	*	425	*	833	*
1976	1,511	12.3%	536	26.1%	885	6.2%
1977	1,712	13.3%	588	9.7%	1,002	13.2%
1978	2,042	19.3%	687	16.8%	1,225	22.3%

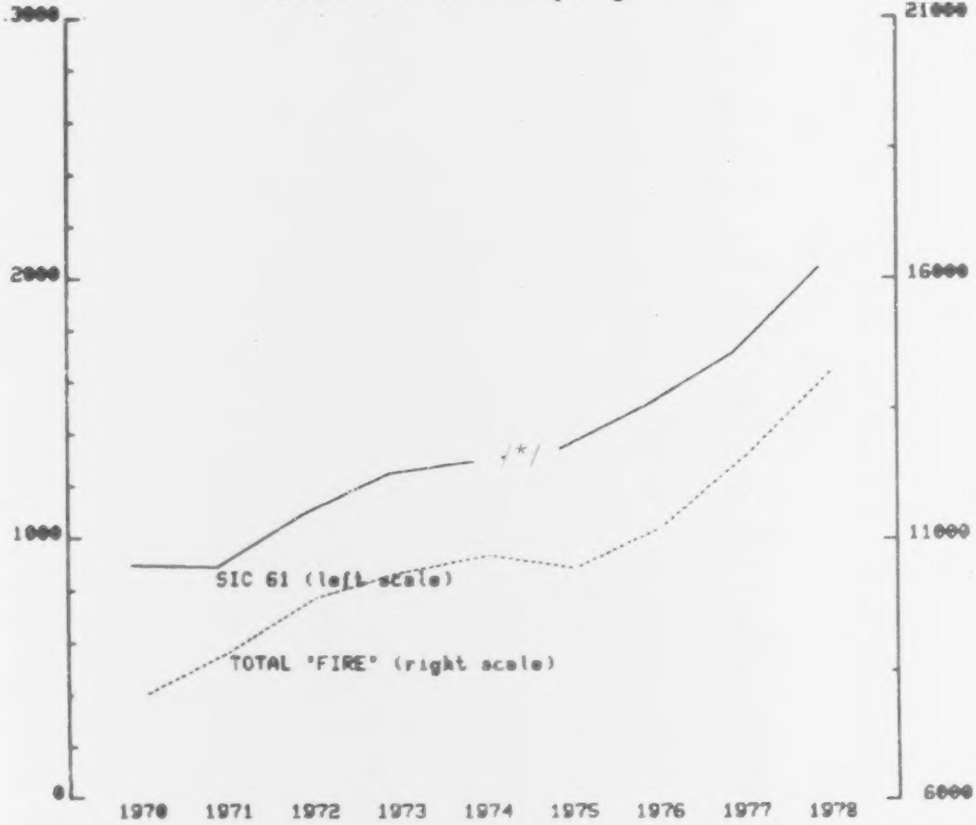
* Break in series - approximately 100 jobs gained Statewide due to recoding in first quarter, 1975.

Jobs in SIC 61 have increased significantly throughout the seventies. However, the trend has been marred by cyclical swings, effects that are caused by a phenomenon known by the cumbersome term "disintermediation." This occurs when withdrawals from "thrift" institutions exceed deposits over a significant period of time and are reinvested in higher yielding returns. Recent actions by the Federal Reserve Board have tried to alleviate this recurring problem. Almost all major group employment is located within the State's major urban areas. More than half is connected with various types of savings and loan associations (SIC 612).

Following are graphs and tables identifying the employment trend and staffing patterns in SIC 61.

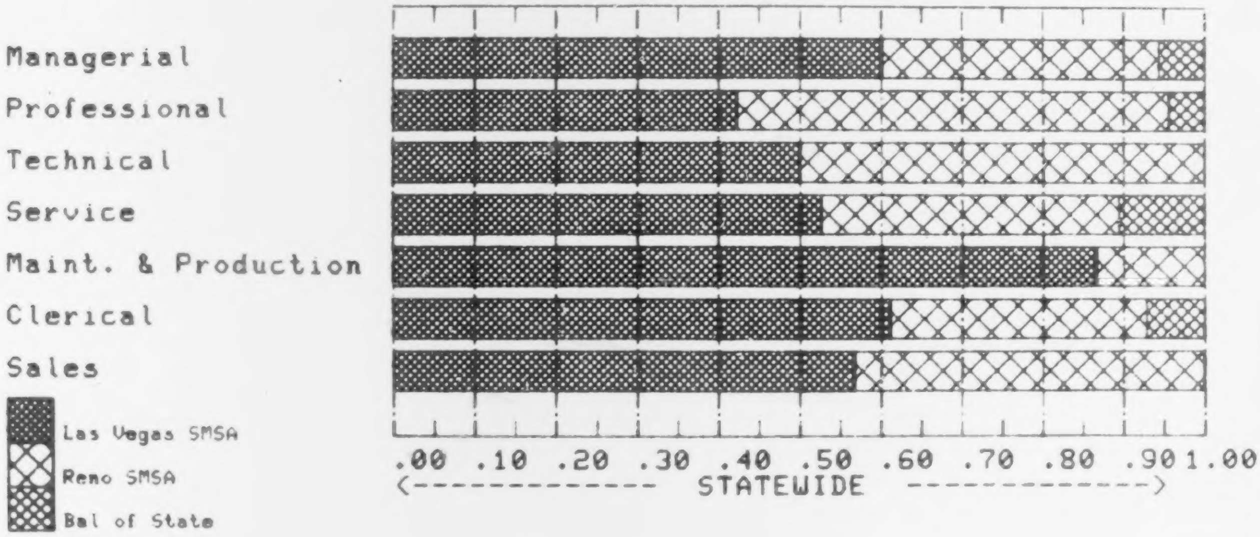
State of Nevada

SIC 61 and Total Finance/Insurance/Real Estate (FIRE) Employment

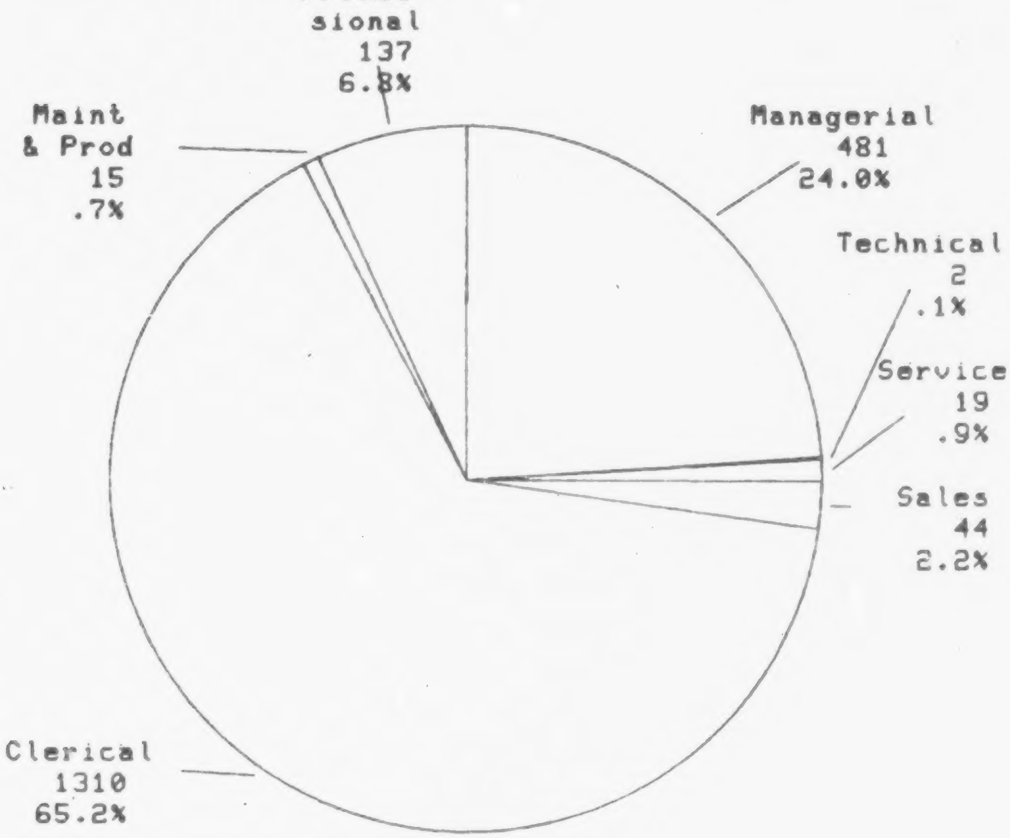


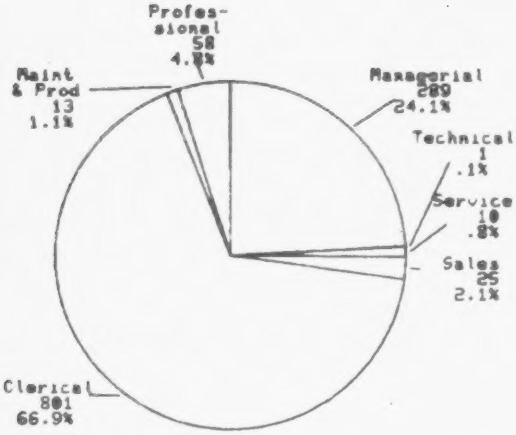
/*/ Break in series.

SIC 61 - Employment Distribution
Occupations By Area As Percent Of State Total

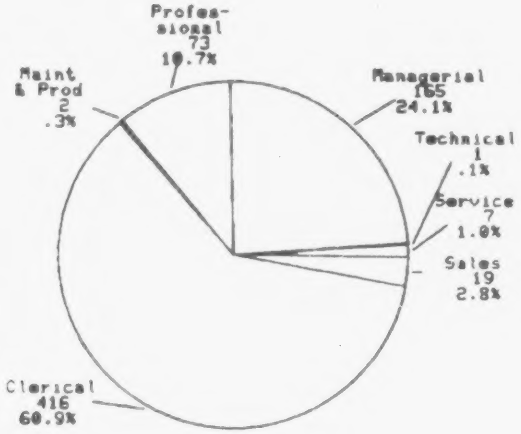


SIC 61 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 19

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN CREDIT AGENCIES OTHER THAN BANKS
(SIC 61)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,010	NA	100.0
MANAGERS AND OFFICERS	480	4	24.0
PROFESSIONAL OCCUPATIONS	140	NA	6.8
ACCOUNTANTS/AUDITORS	10	2	0.7
CREDIT ANALYSTS	70	13	3.5
PUBLIC RELATIONS PRACTITIONERS	10	22	0.6
APPRAISERS	20	9	0.8
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	1.1
SERVICE OCCUPATIONS	20	NA	0.9
JANITORS, PORTERS, CLEANERS	10	21	0.6
ALL OTHER SERVICE OCCUPATIONS	10	NA	0.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	20	NA	0.7
CLERICAL OCCUPATIONS	1,310	NA	65.2
ACCOUNTING CLERKS	60	10	2.8
HAND BOOKKEEPERS	20	22	1.2
CASHIERS	30	23	1.5
CHECKING CLERKS	10	22	0.6
COLLECTORS	40	12	1.9
FILE CLERKS	20	11	1.2
GENERAL OFFICE CLERKS	100	15	5.0
MAIL CLERKS	10	27	0.5
NEW-ACCOUNTS TELLERS	30	6	1.4
RECEPTIONISTS	20	12	1.0
SECRETARIES	80	9	4.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	11	0.7
TELLERS	310	4	15.6
TYPISTS	10	18	0.7
OFFICE CLERICAL SUPERVISORS	60	9	2.8
CREDIT CLERKS	140	11	6.7
MORTGAGE CLOSING CLERKS	120	8	6.1
LOAN CLOSERS	100	9	4.8
OFFICE CLERKS, N.E.C.	70	10	3.5
ALL OTHER CLERICAL OCCUPATIONS	60	NA	2.7
SALES OCCUPATIONS	40	NA	2.2
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	40	14	2.2

TABLE 20

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN CREDIT AGENCIES OTHER THAN BANKS
(SIC 61)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,200	NA	100.0
MANAGERS AND OFFICERS	290	6	24.1
PROFESSIONAL OCCUPATIONS	60	NA	4.8
CREDIT ANALYSTS	30	16	2.8
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	2.0
SERVICE OCCUPATIONS	10	NA	0.8
MAINTENANCE AND PRODUCTION OCCUPATIONS	10	NA	1.1
CLERICAL OCCUPATIONS	800	NA	66.9
ACCOUNTING CLERKS	40	14	3.0
CASHIERS	30	25	2.3
CHECKING CLERKS	10	22	1.0
COLLECTORS	30	13	2.8
FILE CLERKS	20	12	1.5
GENERAL OFFICE CLERKS	80	17	6.8
NEW-ACCOUNTS TELLERS	20	8	1.2
RECEPTIONISTS	20	16	1.3
SECRETARIES	40	13	3.4
TELLERS	170	5	14.4
OFFICE CLERICAL SUPERVISORS	20	13	2.0
CREDIT CLERKS	90	13	7.7
MORTGAGE CLOSING CLERKS	50	10	4.5
LOAN CLOSERS	70	9	5.4
OFFICE CLERKS, N.E.C.	40	14	3.2
ALL OTHER CLERICAL OCCUPATIONS	70	NA	5.9
SALES OCCUPATIONS	30	NA	2.1
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	30	17	2.1

TABLE 21

RENO SMSA; MAY 1978
EMPLOYMENT IN CREDIT AGENCIES OTHER THAN BANKS
(SIC 61)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	680	NA	100.0
MANAGERS AND OFFICERS	170	6	24.1
PROFESSIONAL OCCUPATIONS	70	NA	10.7
CREDIT ANALYSTS	30	22	4.5
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	6.1
SERVICE OCCUPATIONS	10	NA	1.0
CLERICAL OCCUPATIONS	420	NA	60.9
ACCOUNTING CLERKS	20	8	2.9
GENERAL OFFICE CLERKS	20	24	2.3
NEW-ACCOUNTS TELLERS	10	9	1.8
SECRETARIES	40	13	5.7
TELLERS	80	4	12.1
OFFICE CLERICAL SUPERVISORS	30	13	4.1
CREDIT CLERKS	40	19	6.3
MORTGAGE CLOSING CLERKS	70	11	10.1
LOAN CLOSERS	20	17	3.4
OFFICE CLERKS, N.E.C.	20	14	3.4
ALL OTHER CLERICAL OCCUPATIONS	60	NA	8.8
SALES OCCUPATIONS	20	NA	2.8
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	24	2.8

SIC 63 - INSURANCE

SIC 63 includes insurance carriers of all types, including life, accident, health and medical service plans.

Wage and Salary Employment 1974 to 1978
In Nevada and the SMSA's
(SIC 63)

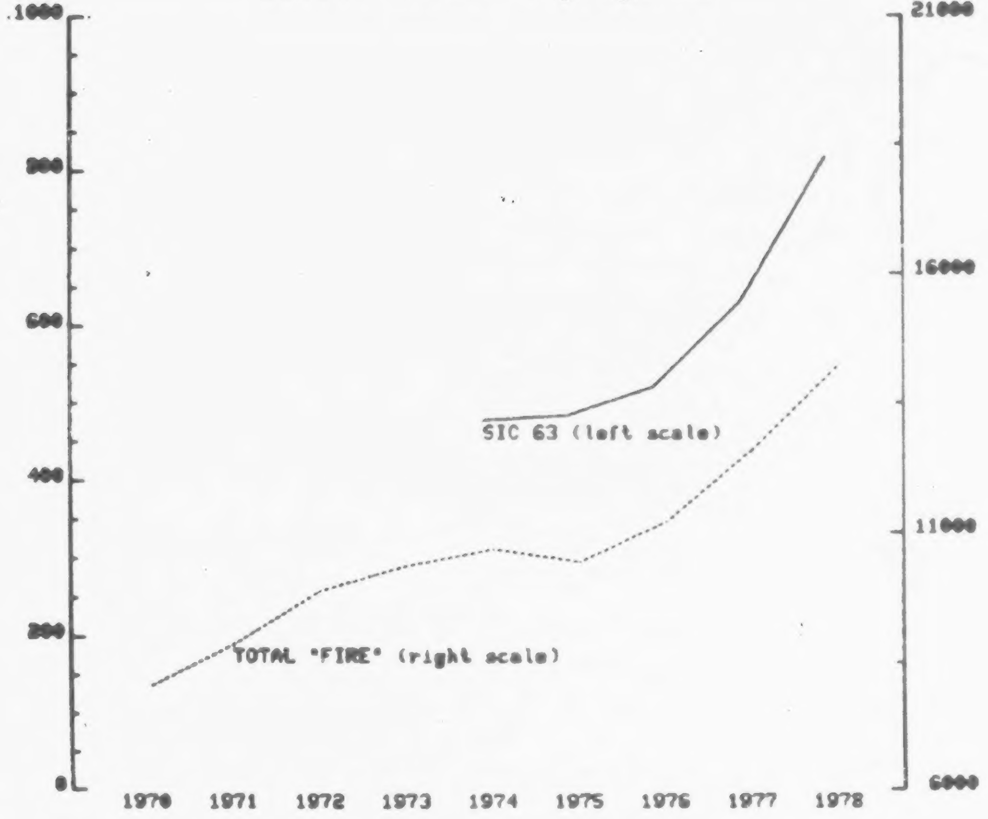
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1974	477	-	169	-	259	-
1975	483	1.3%	221	30.8%	233	-10.0%
1976	520	7.7%	257	16.3%	233	0.0%
1977	629	21.0%	279	8.6%	298	27.9%
1978	817	29.9%	341	22.2%	415	39.3%

Employment by insurance carriers in Nevada remains small despite rapid growth in the past few years. Jobs are concentrated in the two SMSA's, with nearly 70 percent in firms primarily engaged in underwriting title insurance (SIC 6361). The only other significant detailed industries in Nevada are life insurance (SIC 6311) and hospital and medical service plans (SIC 6324).

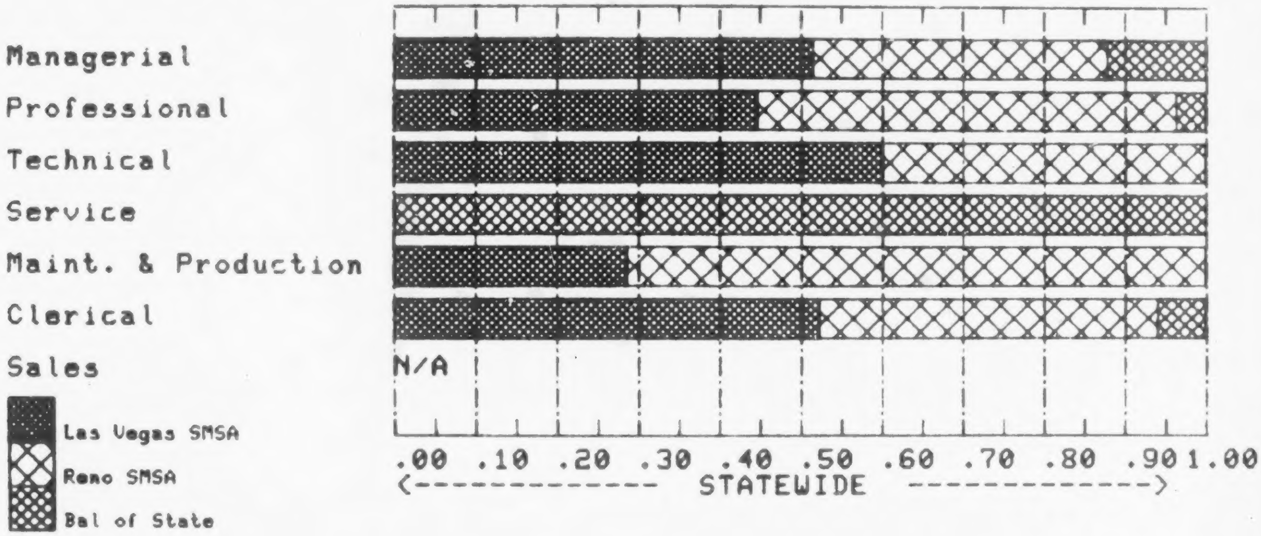
The employment trend and occupational detail are shown in the following graphs and tables.

State of Nevada

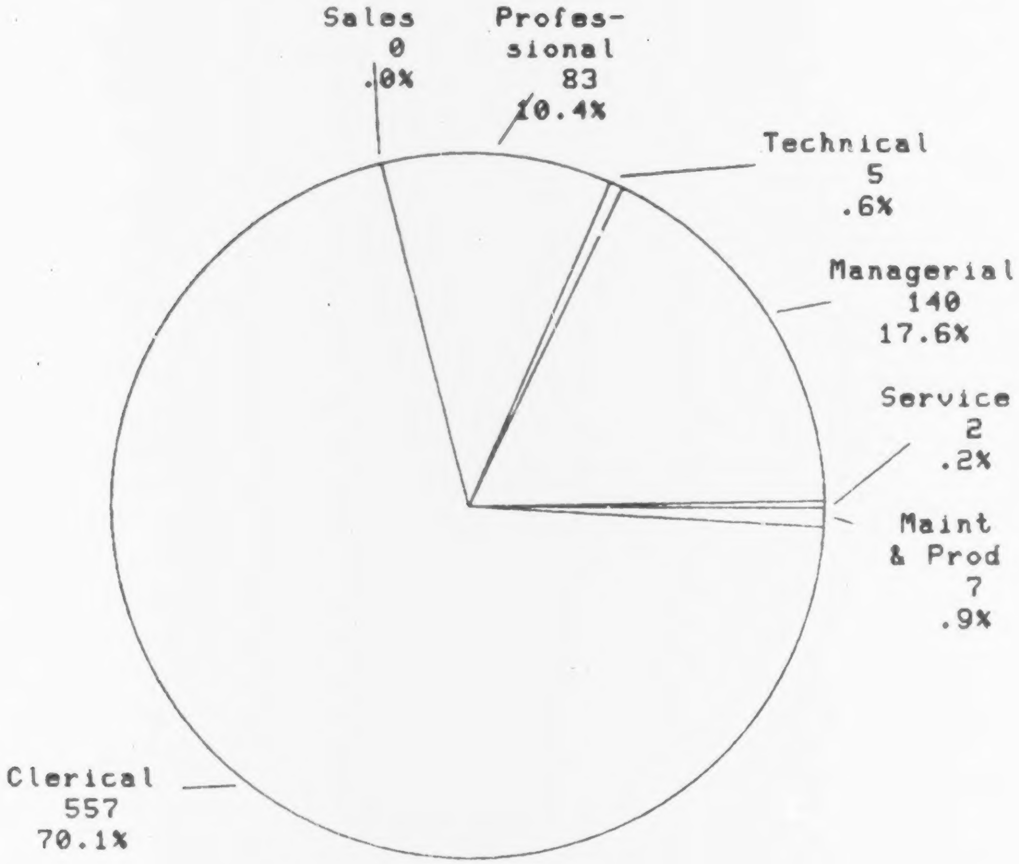
SIC 63 and Total Finance/Insurance/Real Estate (FIRE) Employment

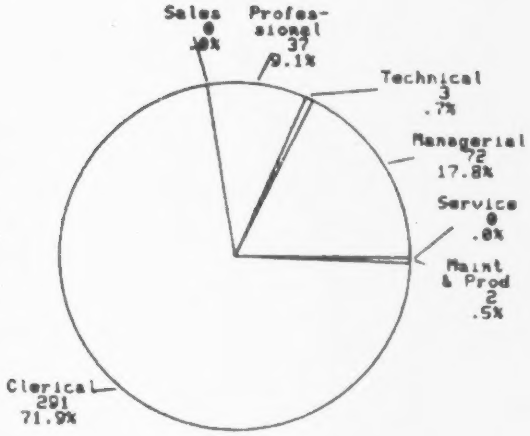


SIC 63 - Employment Distribution Occupations By Area As Percent Of State Total

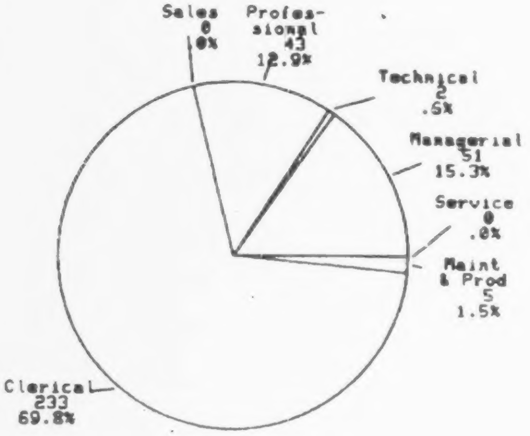


SIC 63 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 22

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN INSURANCE
(SIC 63)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	790	NA	100.0
MANAGERS AND OFFICERS	140	5	17.6
PROFESSIONAL OCCUPATIONS	80	NA	10.5
TITLE EXAMINERS/ABSTRACTORS	30	6	3.9
UNDERWRITERS	10	10	1.3
ALL OTHER PROFESSIONAL OCCUPATIONS	40	NA	5.3
TECHNICAL OCCUPATIONS	10	NA	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	10	NA	0.9
CLERICAL OCCUPATIONS	560	NA	70.2
BOOKKEEPING/BILLING MACHINE OPERATORS	10	16	1.8
ACCOUNTING CLERKS	10	21	1.3
HAND BOOKKEEPERS	40	4	5.0
CORRESPONDENCE CLERKS	10	8	1.3
GENERAL OFFICE CLERKS	20	14	2.6
POLICY-CHANGE CLERKS	10	26	1.5
SECRETARIES	80	18	10.1
SWITCHBOARD OPERATOR-RECEPTIONISTS	10	8	1.6
MESSENGERS	30	6	3.6
TITLE SEARCHERS	50	7	6.8
TYPISTS	100	23	11.9
CLERICAL SUPERVISORS	10	5	1.6
INSURANCE CLAIM EXAMINERS	10	29	5.3
ALL OTHER CLERICAL OCCUPATIONS	120	NA	15.6

SIC 64 - INSURANCE AGENTS, BROKERS, AND SERVICE

This major group includes agents and brokers dealing in insurance, and also organizations offering services to insurance companies and to policyholders.

Wage and Salary Employment 1974 to 1978
in Nevada and the SMSA's
(SIC 64)

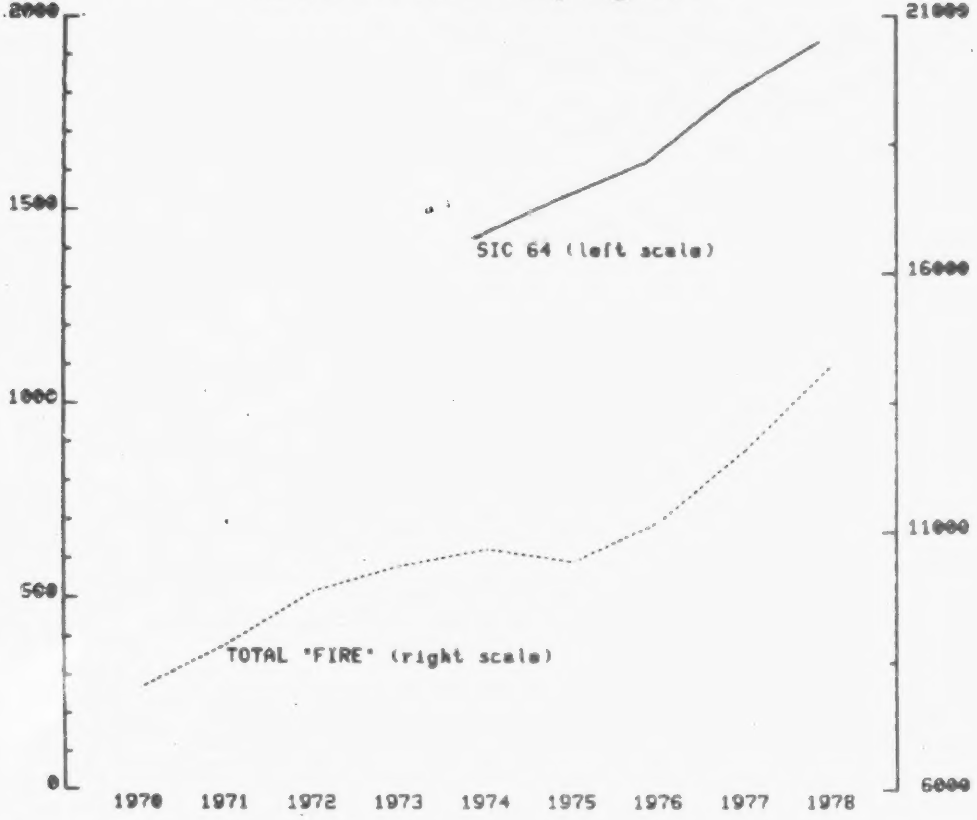
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1974	1,424	-	623	-	708	-
1975	1,526	7.2%	619	-0.6%	803	13.4%
1976	1,619	6.1%	620	0.2%	881	9.7%
1977	1,797	11.0%	710	14.5%	946	7.4%
1978	1,932	7.5%	752	5.9%	1,007	6.4%

As is true of all major groups within the industry division, employment growth has been strong in the last several years. In the State as a whole, the industry has prospered through recessions as well as booms, although some stagnation had occurred in Reno for several years. As expected, industry employment in Reno and Las Vegas continues to be more than 90 percent of the State total.

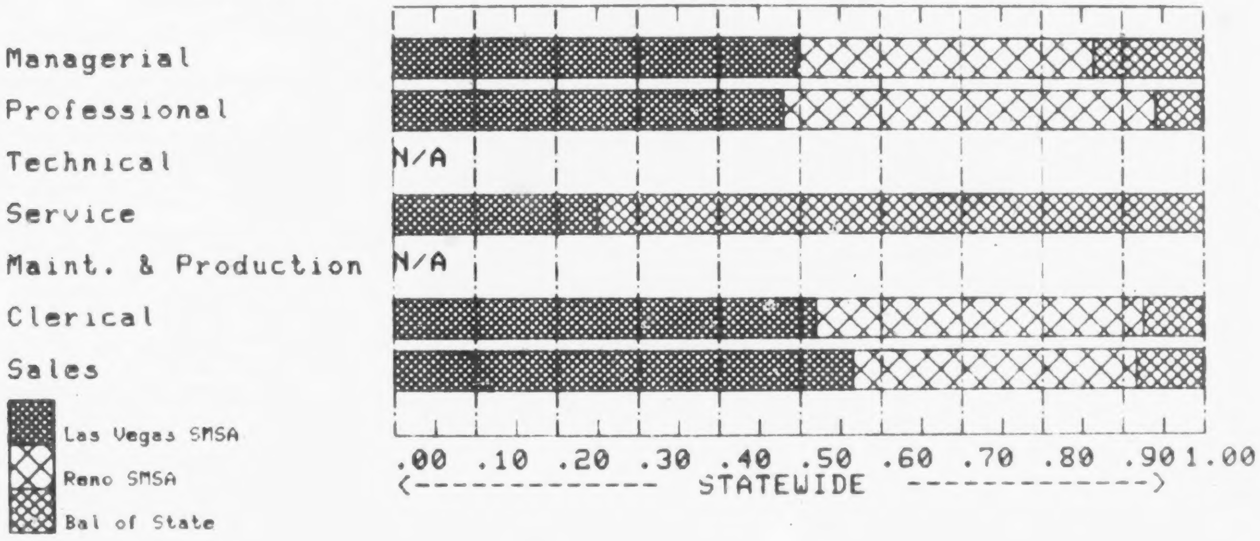
Graphs and tables follow which identify the employment trend and staffing patterns in SIC 64.

State of Nevada

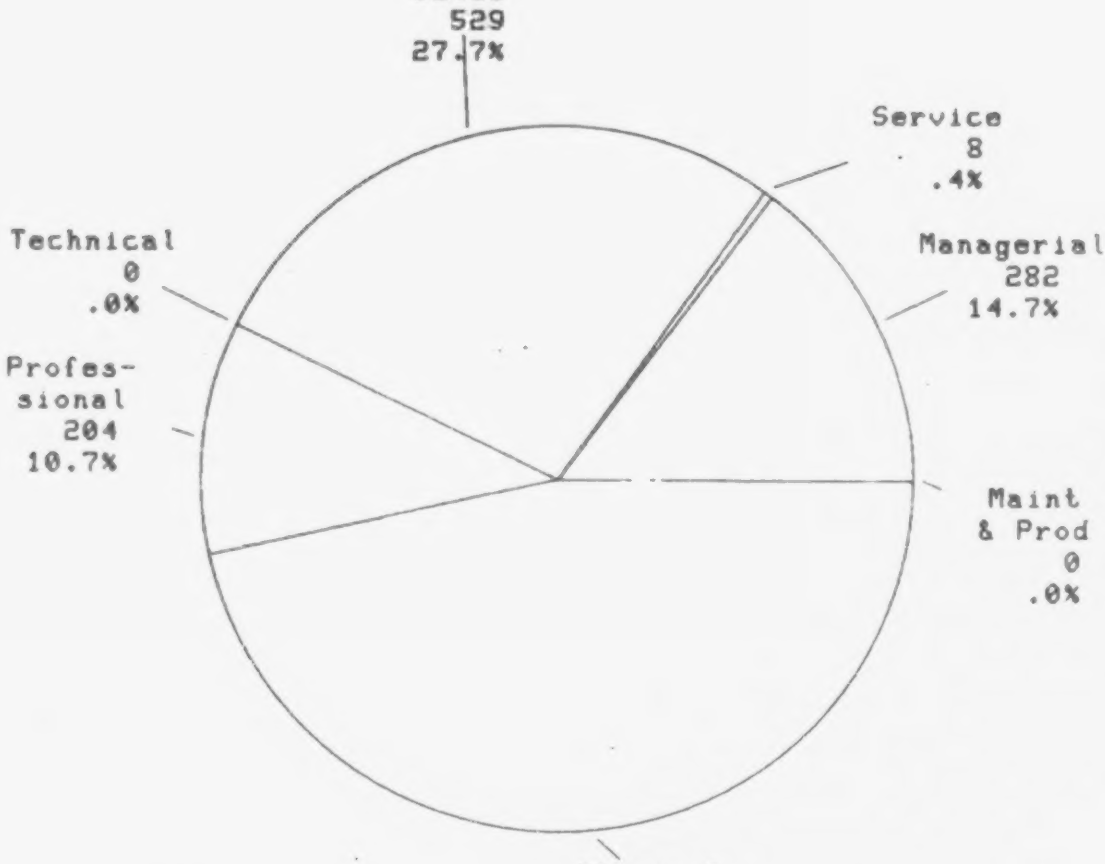
SIC 64 and Total Finance/Insurance/Real Estate (FIRE) Employment

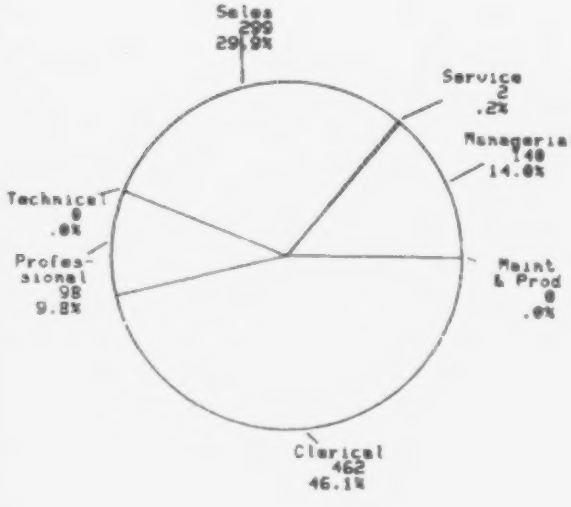


SIC 64 - Employment Distribution
Occupations By Area As Percent Of State Total

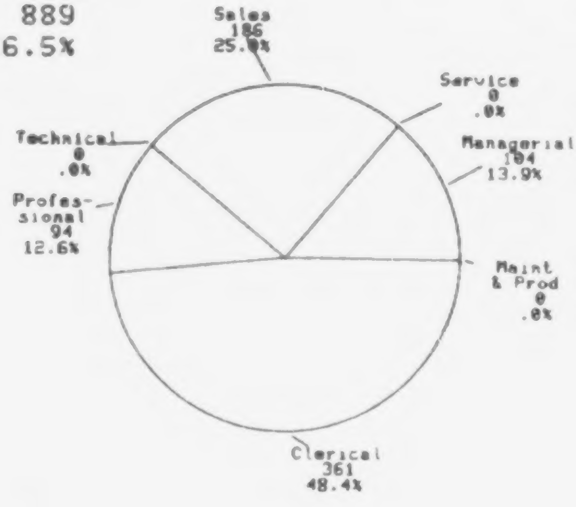


SIC 64 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 23

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN INSURANCE AGENCIES, BROKERAGE FIRMS, AND SERVICES
(SIC 64)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,910	NA	100.0
MANAGERS AND OFFICERS	280	5	14.7
PROFESSIONAL OCCUPATIONS	200	NA	10.7
ACCOUNTANTS/AUDITORS	10	24	0.5
INSURANCE SPECIAL AGENTS	10	38	0.7
CLAIM EXAMINERS (PROPERTY/CASUALTY)	10	32	0.5
UNDERWRITERS	150	13	7.7
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	1.2
SERVICE OCCUPATIONS	10	NA	0.4
CLERICAL OCCUPATIONS	890	NA	46.5
ACCOUNTING CLERKS	30	19	1.5
HAND BOOKKEEPERS	30	21	1.5
CLAIM ADJUSTERS	160	12	8.5
CLAIMS CLERKS	70	10	3.7
FILE CLERKS	30	14	1.5
GENERAL OFFICE CLERKS	130	12	6.7
RATERS	90	21	4.7
RECEPTIONISTS	20	16	1.1
SECRETARIES	100	9	5.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	30	22	1.5
TYPISTS	50	14	2.7
OFFICE CLERICAL SUPERVISORS	40	19	1.9
INSURANCE CLAIM EXAMINERS	50	33	2.3
ALL OTHER CLERICAL OCCUPATIONS	70	NA	3.8
SALES OCCUPATIONS	530	NA	27.7
INSURANCE SALES AGENTS	530	9	27.5

TABLE 24

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN INSURANCE AGENCIES, BROKERAGE FIRMS, AND SERVICES
(SIC 64)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,000	NA	100.0
MANAGERS AND OFFICERS	140	5	14.0
PROFESSIONAL OCCUPATIONS	100	NA	9.8
UNDERWRITERS	70	12	7.2
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	2.6
CLERICAL OCCUPATIONS	460	NA	46.2
ACCOUNTING CLERKS	10	20	1.0
HAND BOOKKEEPERS	10	19	1.1
CLAIM ADJUSTERS	120	11	11.7
CLAIMS CLERKS	40	11	3.5
FILE CLERKS	20	11	2.1
GENERAL OFFICE CLERKS	70	14	7.0
RATERS	30	22	2.7
RECEPTIONISTS	10	14	1.4
SECRETARIES	60	9	6.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	17	1.1
TYPISTS	30	16	2.9
OFFICE CLERICAL SUPERVISORS	10	12	1.4
INSURANCE CLAIM EXAMINERS	20	30	1.9
ALL OTHER CLERICAL OCCUPATIONS	20	NA	2.2
SALES OCCUPATIONS	300	NA	29.9
INSURANCE SALES AGENTS	300	4	29.9

TABLE 25

RENO SMSA; MAY 1978
EMPLOYMENT IN INSURANCE AGENCIES, BROKERAGE FIRMS, AND SERVICES
(SIC 64)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	750	NA	100.0
MANAGERS AND OFFICERS	100	12	14.0
PROFESSIONAL OCCUPATIONS	90	NA	12.6
UNDERWRITERS	70	24	9.0
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	3.6
CLERICAL OCCUPATIONS	360	NA	48.5
ACCOUNTING CLERKS	20	30	2.0
HAND BOOKKEEPERS	10	30	1.5
CLAIM ADJUSTERS	40	32	5.6
CLAIMS CLERKS	30	18	4.3
GENERAL OFFICE CLERKS	40	22	5.7
RATERS	60	28	8.4
SECRETARIES	30	22	3.7
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	34	2.3
TYPISTS	20	25	2.9
OFFICE CLERICAL SUPERVISORS	10	40	1.7
ALL OTHER CLERICAL OCCUPATIONS	80	NA	10.1
SALES OCCUPATIONS	190	NA	25.0
INSURANCE SALES AGENTS	190	25	24.8

SIC 65 - REAL ESTATE

Included in SIC 65 are real estate operators, and owners and lessors of real property, as well as buyers, sellers, developers, agents, and brokers.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 65)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	2,480	-	745	-	1,466	-
1971	3,082	24.3%	862	15.7%	1,861	26.9%
1972	3,541	14.9%	951	10.3%	2,234	20.0%
1973	3,456	- 2.4%	1,067	12.2%	2,002	-10.4%
1974	3,429	- 0.8%	999	- 6.4%	2,015	0.6%
1975*	3,041	*	894	*	1,802	*
1976	3,258	7.1%	985	10.2%	1,867	3.6%
1977	3,719	14.1%	1,122	13.9%	2,125	13.8%
1978	4,339	16.7%	1,363	21.5%	2,450	15.3%

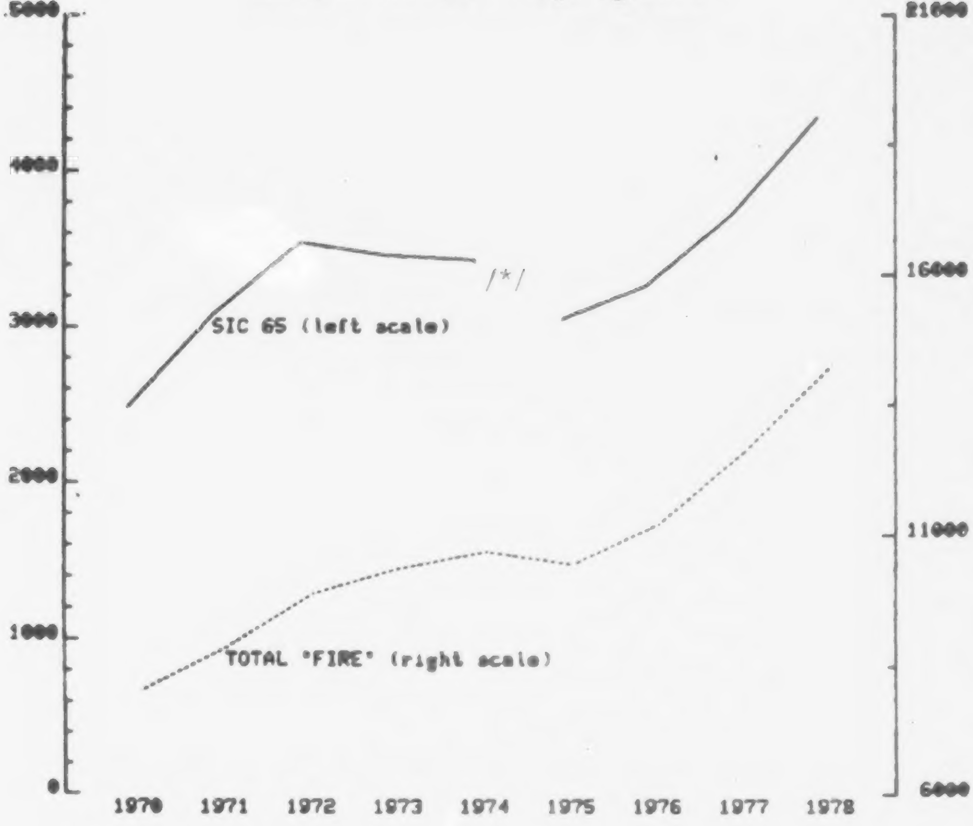
* Break in series - approximately 130 jobs lost Statewide due to recoding in first quarter, 1975.

The analysis of wage and salary data is limited in scope since many persons involved with real estate work on a commission basis, and are not identified in the employment figures. Nevertheless, the wage and salary figures indicate that the real estate industry is subject to the same cyclical swings that have been noted in the construction industry and credit agencies. When the housing market is depressed, industry employment tends to decline; however, with Nevada's continuing growth, the gravity of the problem has probably been significantly less then elsewhere. Like most other industry groups with the FIRE division, most employment is in Las Vegas and Reno. The two largest major group employers are operators of apartment buildings (SIC 6513) and real estate agents and managers (SIC 6531).

Data about the Nevada real estate industry are presented on the upcoming pages.

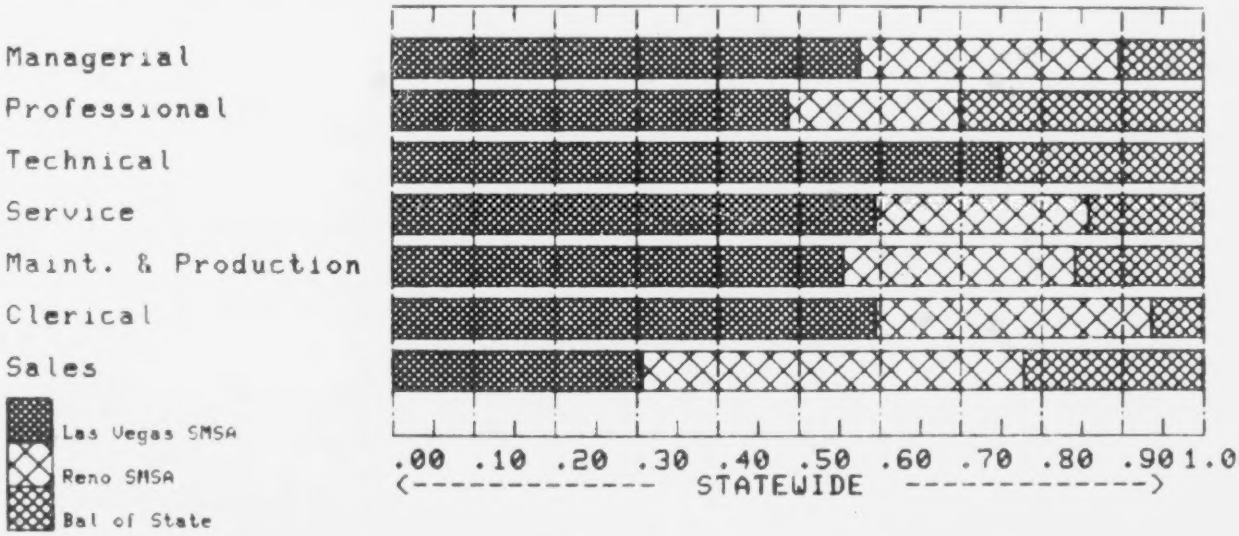
State of Nevada

SIC 65 and Total Finance/Insurance/Real Estate (FIRE) Employment

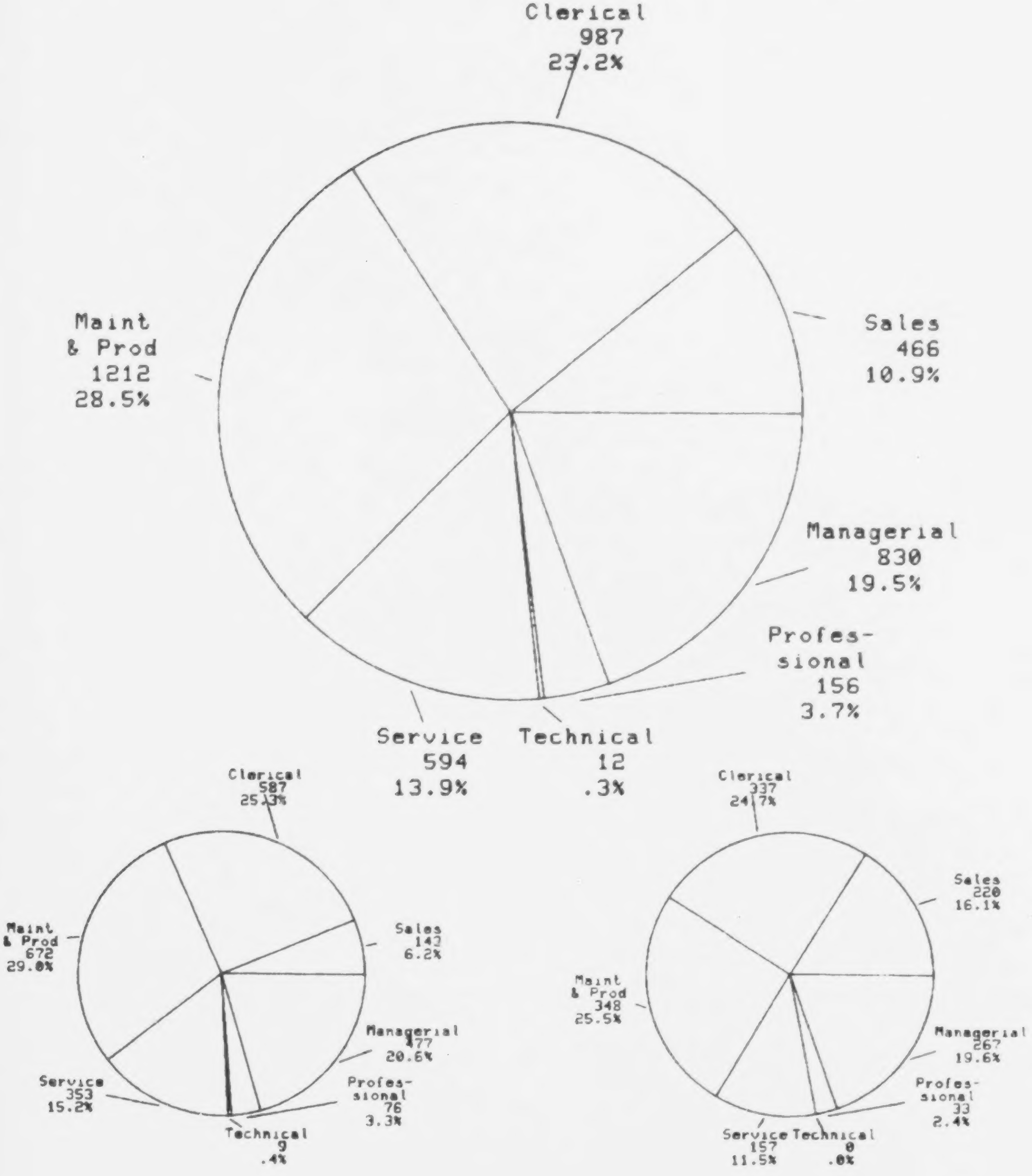


/*/ Break in series.

SIC 65 - Employment Distribution
Occupations By Area As Percent Of State Total



SIC 65 - Employment Distribution
Statewide



Las Vegas SMSA

Reno SMSA

TABLE 26

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN REAL ESTATE
(SIC 65)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	4,260	NA	100.0
MANAGERS AND OFFICERS	830	5	19.6
PROFESSIONAL OCCUPATIONS	160	NA	3.7
ACCOUNTANTS/AUDITORS	50	17	1.2
TITLE EXAMINERS/ABSTRACTORS	30	12	0.7
ALL OTHER PROFESSIONAL OCCUPATIONS	70	NA	1.7
TECHNICAL OCCUPATIONS	10	NA	0.3
SERVICE OCCUPATIONS	590	NA	14.0
MAIDS	160	12	3.8
JANITORS, PORTERS, CLEANERS	240	12	5.6
GUARDS AND DOORKEEPERS	90	18	2.1
NONWORKING SERVICE SUPERVISORS	30	22	0.8
ALL OTHER SERVICE OCCUPATIONS	70	NA	1.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,210	NA	28.5
MAINTENANCE REPAIRERS	560	9	13.3
TRADES HELPERS	20	38	0.5
MAINTENANCE PAINTERS	60	18	1.4
GARDENERS/GROUNDSKEEPERS	270	12	6.3
OPERATIVES, N.E.C.	60	28	1.3
LABORERS, N.E.C.	130	24	3.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	2.5
CLERICAL OCCUPATIONS	990	NA	23.2
STENOGRAPHERS	20	25	0.5
ACCOUNTING CLERKS	50	27	1.1
HAND BOOKKEEPERS	130	11	3.1
GENERAL OFFICE CLERKS	170	14	3.9
REAL ESTATE CLERKS	40	11	1.0
RECEPTIONISTS	60	20	1.5
SECRETARIES	210	12	5.0
SWITCHBOARD OPERATORS-RECEPTIONISTS	30	17	0.7
MESSENGERS	10	30	0.3
TITLE SEARCHERS	50	5	1.1
TYPISTS	30	23	0.8
OFFICE CLERICAL SUPERVISORS	10	28	0.3
LOAN CLOSERS	20	7	0.5
OFFICE CLERKS, N.E.C.	60	13	1.5
STOCKROOM CLERKS	20	39	0.5
ALL OTHER CLERICAL OCCUPATIONS	60	NA	1.4

TABLE 26 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN REAL ESTATE
(SIC 65)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
SALES OCCUPATIONS	470	NA	10.9
REAL ESTATE BROKERS	20	33	0.4
REAL ESTATE SALES AGENTS	300	19	7.0
SALES AGENTS, N.E.C.	110	27	2.6
ALL OTHER SALES OCCUPATIONS	40	NA	1.0

TABLE 27

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN REAL ESTATE
(SIC 65)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,320	NA	100.0
MANAGERS AND OFFICERS	480	6	20.6
PROFESSIONAL OCCUPATIONS	80	NA	3.3
ACCOUNTANTS/AUDITORS	40	20	1.6
TITLE EXAMINERS/ABSTRACTORS	10	9	0.4
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	1.3
TECHNICAL OCCUPATIONS	10	NA	0.4
SERVICE OCCUPATIONS	350	NA	15.2
MAIDS	140	12	6.0
CLEANERS, N.E.C.	130	12	5.4
GUARDS AND DOORKEEPERS	60	21	2.4
NONWORKING SERVICE SUPERVISORS	20	25	1.0
ALL OTHER SERVICE OCCUPATIONS	10	NA	0.5
MAINTENANCE AND PRODUCTION OCCUPATIONS	670	NA	29.0
MAINTENANCE REPAIRERS	420	12	18.3
MAINTENANCE PAINTERS	30	20	1.2
GARDENERS/GROUNDSKEEPERS	160	12	7.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	60	NA	2.6
CLERICAL OCCUPATIONS	590	NA	25.3
STENOGRAPHERS	20	21	0.7
ACCOUNTING CLERKS	30	39	1.3
HAND BOOKKEEPERS	60	13	2.7
GENERAL OFFICE CLERKS	130	17	5.5
REAL ESTATE CLERKS	40	11	1.8
RECEPTIONISTS	40	25	1.9
SECRETARIES	110	21	4.9
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	16	0.7
OFFICE CLERKS, N.E.C.	60	13	2.7
ALL OTHER CLERICAL OCCUPATIONS	70	NA	3.2
SALES OCCUPATIONS	140	NA	6.2
REAL ESTATE SALES AGENTS	80	28	3.5
ALL OTHER SALES OCCUPATIONS	60	NA	2.7

TABLE 28

RENO SMSA; MAY 1978
EMPLOYMENT IN REAL ESTATE
(SIC 65)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,360	NA	100.0
MANAGERS AND OFFICERS	270	10	19.7
PROFESSIONAL OCCUPATIONS	30	NA	2.4
ACCOUNTANTS/AUDITORS	20	33	1.2
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	1.2
SERVICE OCCUPATIONS	160	NA	11.5
CLEANERS, N.E.C.	100	24	7.4
GUARDS AND DOORKEEPERS	30	34	2.3
ALL OTHER SERVICE OCCUPATIONS	30	NA	1.9
MAINTENANCE AND PRODUCTION OCCUPATIONS	350	NA	25.6
MAINTENANCE REPAIRERS	110	12	8.3
MAINTENANCE PAINTERS	30	36	1.8
GARDENERS/GROUNDSKEEPERS	90	26	6.6
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	120	NA	8.8
CLERICAL OCCUPATIONS	340	NA	24.7
ACCOUNTING CLERKS	20	31	1.2
HAND BOOKKEEPERS	50	18	3.8
GENERAL OFFICE CLERKS	30	19	2.0
RECEPTIONISTS	20	34	1.3
SECRETARIES	80	13	6.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	31	1.0
TYPISTS	20	31	1.8
ALL OTHER CLERICAL OCCUPATIONS	100	NA	7.6
SALES OCCUPATIONS	220	NA	16.2
REAL ESTATE SALES AGENTS	140	28	10.4
ALL OTHER SALES OCCUPATIONS	80	NA	5.8

NEVADA

EMPLOYMENT TRENDS AND OVERVIEW - SERVICES

The services industry has been the keystone of Nevada's economy for two decades, but employment growth has been phenomenal since the tail-end of the second World War. Many of the industry's jobs are "export" oriented in the sense that the demand originates outside of Nevada. At present much of the success of the State's economy has its roots in the services industry, particularly in the tourist related sectors.

Table 29 highlights the strong contribution to employment made by the services industry in this State. The percentage of employment in services is more than double that found elsewhere. Even in a highly tourist oriented state such as Florida (not shown on table) services employment comprises only 21 percent of nonagricultural jobs. While services share of jobs in Nevada is unusual, the recent growth pattern of the industry appears to be fairly typical when compared to other western states and the United States.

Contrary to popular belief, Nevada's services industry has been affected by national recessions. While this has not translated itself into a year to year employment drop, significant growth slowdowns have been noted. The possiblity of a national recession currently could dampen the industry's short-term prospects. More ominous, however, is the threat of ongoing energy shortages and/or high energy prices which could slow tourist activity considerably. This is especially true in light of the rapid hotel-casino expansion that has taken place in both Las Vegas and Reno in the past couple of years. Until the energy situation is resolved, the outlook for the industry is uncertain.

The most significant services industries are discussed on the upcoming pages.

TABLE 29

COMPARISON OF SERVICES EMPLOYMENT IN THE UNITED STATES AND SELECTED WESTERN STATES (1970 and 1978)

	1970		1978		1970-1978
	Total Services Employment (In Thousands)	Percent of Total Nonagricultural Employment	Total Services Employment (In Thousands)	Percent of Total Nonagricultural Employment	Annual Average Percentage Change in Services Employment
United States	11,621.0	16.4%	15,976.0	18.6%	4.1%
Arizona	91.5	16.7%	171.0	19.4%	8.1%
Colorado	130.3	17.5%	231.7	20.4%	7.5%
Idaho	32.4	15.6%	57.0	17.3%	7.3%
Montana	33.7	16.7%	52.0	18.7%	5.6%
New Mexico	53.9	18.4%	87.3	19.6%	6.2%
Utah	58.1	16.2%	90.9	17.3%	5.8%
Wyoming	16.2	14.9%	26.7	14.2%	6.4%
Nevada	80.5	39.7%	145.6	41.6%	7.7%

SOURCES: Employment and Earnings, States and Areas 1939-75.
Employment and Earnings, United States, 1909-75.
Employment and Earnings, January 1979, p. 200.
Employment and Earnings, May 1979, pp. 127-137.

SIC 70 - HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES

This major group includes commercial and institutional establishments engaged in furnishing lodging, or lodging and meals, and camping space and camping facilities, on a fee basis.

Wage and Salary Employment 1971 to 1978
In Nevada and the SMSA's
(SIC 70)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1971	27,416	-	2,211	-	22,657	-
1972	30,002	9.4%	2,480	12.2%	24,518	8.2%
1973	31,851	6.2%	2,261	- 8.8%	26,143	6.6%
1974	33,272	4.5%	2,741	21.2%	27,132	3.8%
1975*	35,602	*	3,498	*	28,717	*
1976	36,541	2.6%	3,698	5.7%	29,182	1.6%
1977	39,532	8.2%	4,607	24.6%	31,306	7.3%
1978	50,535	27.8%	9,273	101.3%	36,323	16.0%

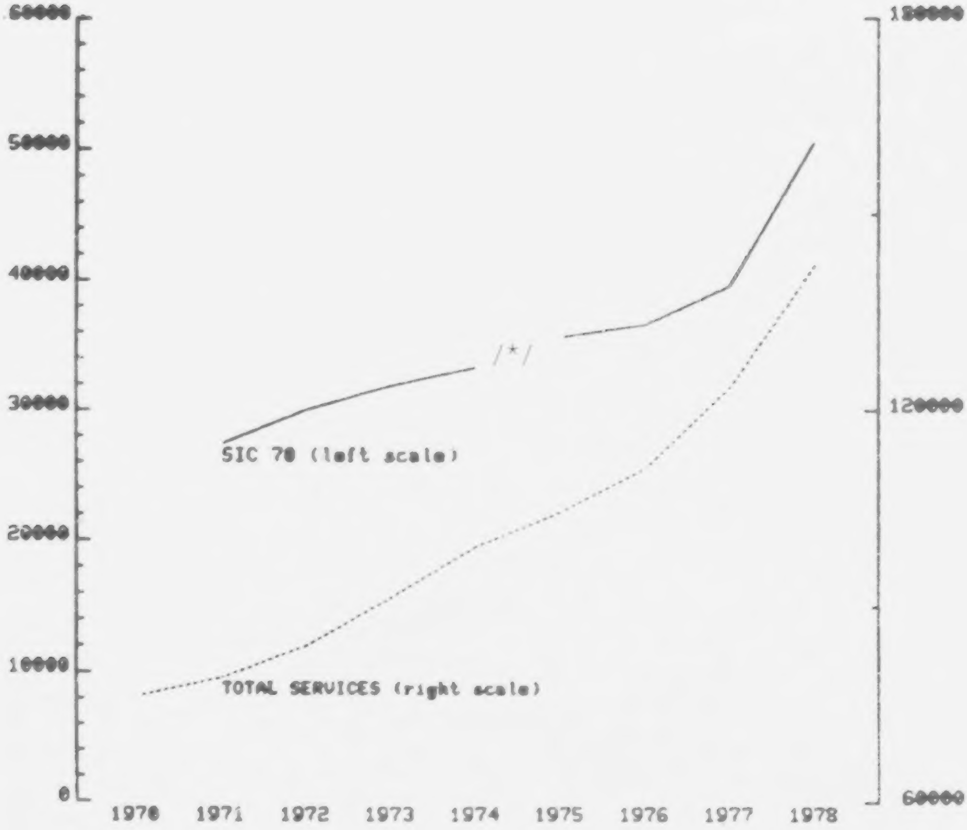
* Break in series - approximately 250 jobs lost Statewide due to recoding in first quarter, 1975.

In terms of employment, SIC 70 remains the second largest major industry group in Nevada. Growth has been relatively moderate (except in 1978), but steady, in the decade. Employment is centered in Las Vegas; however, this has been changing slowly with the recent construction of several resort-type hotels in the Reno area. By a wide margin, most jobs are found in hotels, motels, and tourist courts (SIC 7011).

Following are tables and graphs which detail SIC 70 in the State and the two SMSA's.

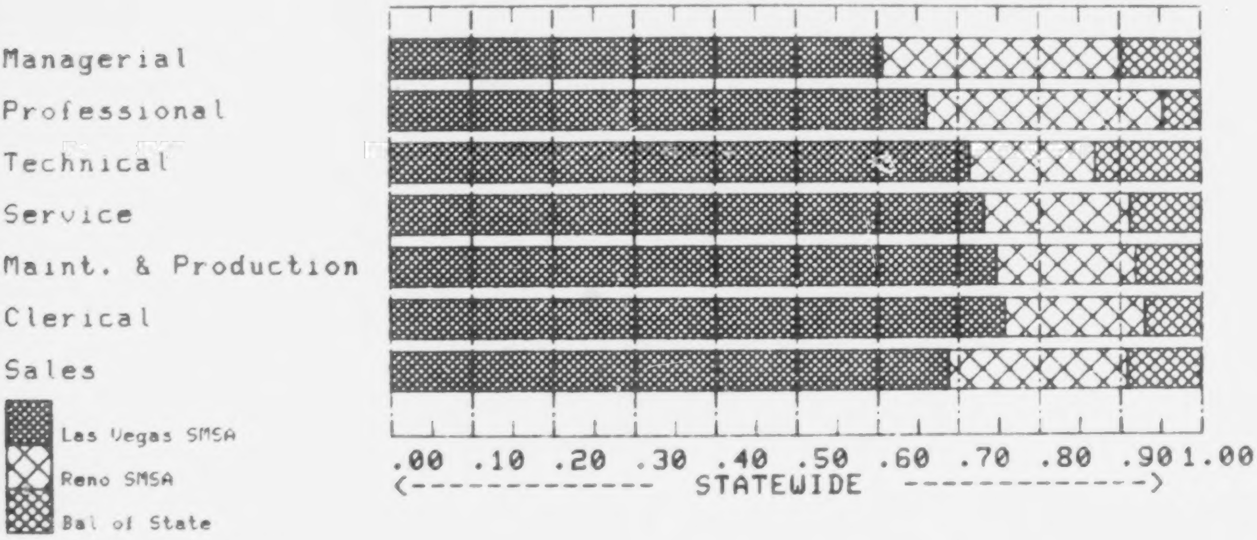
State of Nevada

SIC 70 and Total Service Employment

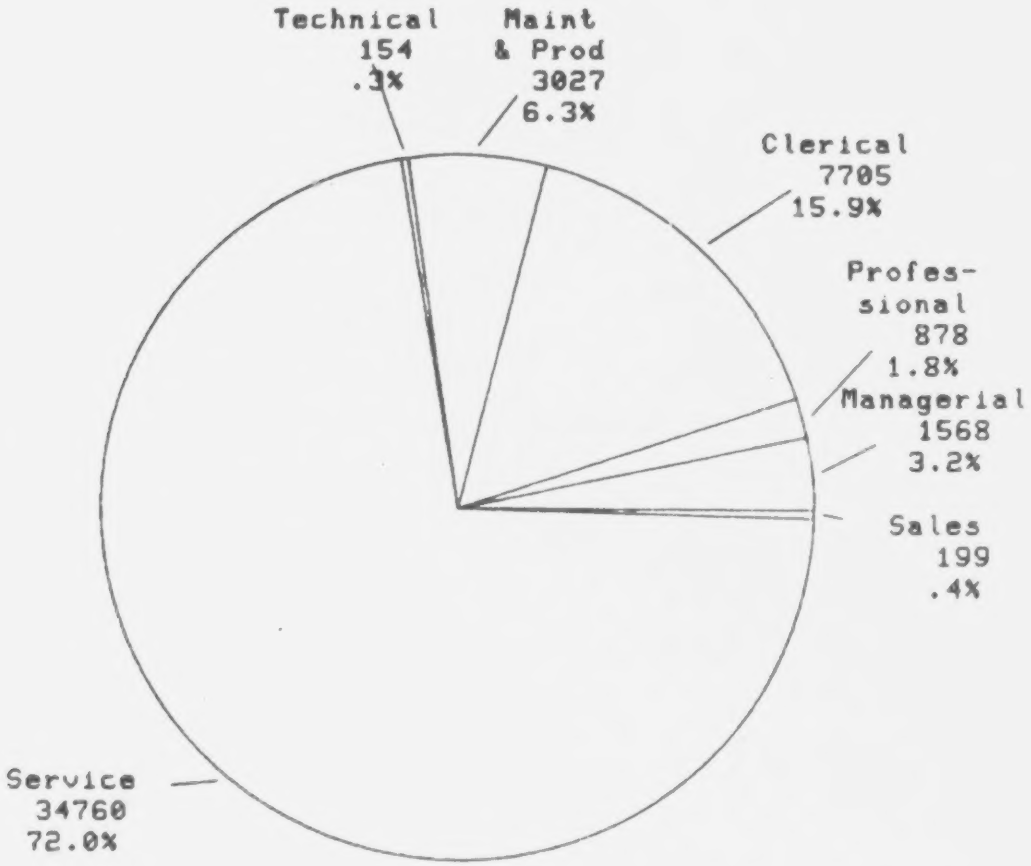


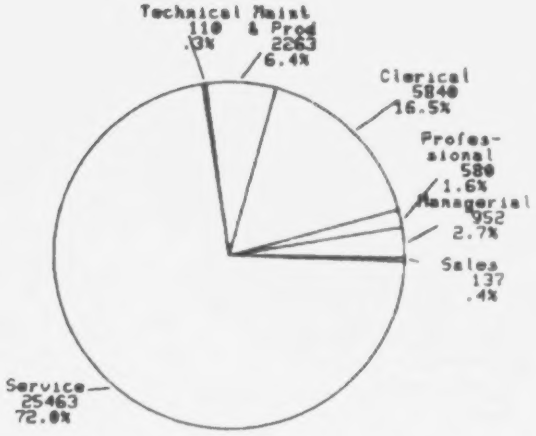
/*/ Break in series.

SIC 70 - Employment Distribution
Occupations By Area As Percent Of State Total

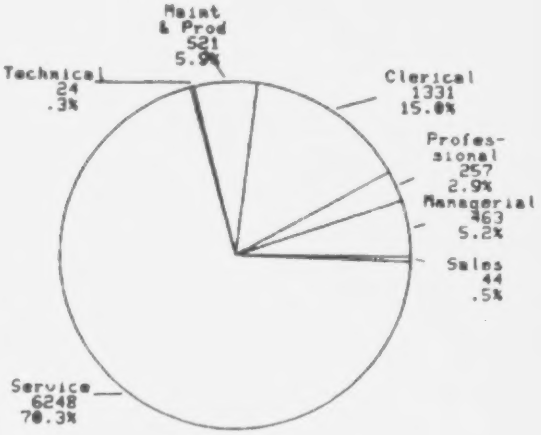


SIC 70 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 30

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	48,290	NA	100.0
MANAGERS AND OFFICERS	1,570	NA	3.2
MANAGERS AND OFFICERS	1,510	12	3.1
ALL OTHER MANAGERS AND OFFICERS	60	NA	0.1
PROFESSIONAL OCCUPATIONS	880	NA	1.8
PURCHASING AGENTS/BUYERS	80	13	0.2
ACCOUNTANTS/AUDITORS	180	10	0.4
PERSONNEL/LABOR RELATIONS SPECIALISTS	40	16	0.1
PUBLIC RELATIONS PRACTITIONERS	100	28	0.2
ALL OTHER PROFESSIONAL OCCUPATIONS	490	NA	1.0
TECHNICAL OCCUPATIONS	150	NA	0.3
COMPUTER PROGRAMMERS	20	34	0.0
ENGINEERING TECHNICIANS	80	15	0.2
ALL OTHER TECHNICAL OCCUPATIONS	60	NA	0.1
SERVICE OCCUPATIONS	34,760	NA	72.0
ROOM CLEANERS (MAIDS)	5,400	21	11.2
HOUSE CLEANERS	810	27	1.7
CLEANERS, N.E.C.	1,920	9	4.0
GUARDS AND DOORKEEPERS	1,070	14	2.2
BREAD/PASTRY BAKERS	160	14	0.3
BARTENDERS	1,040	9	2.2
DINING ROOM ATTENDANTS	2,110	14	4.4
BUTCHERS/MEAT CUTTERS	100	15	0.2
HOSTS/HOSTESSES	820	14	1.7
KITCHEN HELPERS	1,990	13	4.1
WAITERS/WAITRESSES	5,170	7	10.7
LUNCHROOM COUNTER ATTENDANTS	210	11	0.4
SHORT ORDER COOKS	410	24	0.8
RESTAURANT COOKS	1,030	10	2.1
SANDWICH/COFFEE MAKERS	500	7	1.0
FOOD SERVICE WORKERS, N.E.C.	300	17	0.6
BELLHOPS/DOORKEEPERS	700	11	1.4
NONWORKING SERVICE WORKERS	720	12	1.5
HOUSEKEEPERS	460	34	0.9
DICE BOX TENDERS	450	35	0.9
DICE DEALERS	1,440	23	3.0
"21" DEALERS	3,280	20	6.8
KENO WRITERS	840	29	1.7
KENO CHECKERS	120	29	0.2
KENO RUNNERS	370	18	0.8
LIFEGUARDS	50	40	0.1
DEALERS, N.E.C.	580	30	1.2

TABLE 30 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
SHIFT/PIT/FLOOR BOSSES	1,100	16	2.3
ALL OTHER SERVICE OCCUPATIONS	1,620	NA	3.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	3,030	NA	6.3
MAINTENANCE MECHANICS	80	25	0.2
MECHANICS/REPAIRERS, N.E.C.	160	25	0.3
TRUCK DRIVERS	30	21	0.1
CARPENTERS	170	10	0.4
ELECTRICIANS	140	17	0.3
NONWORKING SUPERVISORS	80	17	0.2
MAINTENANCE REPAIRERS	620	19	1.3
MAINTENANCE PAINTERS	100	17	0.2
PARKING-LOT ATTENDANTS	390	34	0.8
STATIONARY ENGINEERS	90	39	0.2
GARDENERS/GROUNDSKEEPERS	230	20	0.5
SKILLED WORKERS, N.E.C.	250	35	0.5
SEMISKILLED WORKERS, N.E.C.	240	18	0.5
LABORERS, N.E.C.	170	15	0.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	280	NA	0.6
CLERICAL OCCUPATIONS	7,710	NA	16.0
COMPUTER OPERATORS	50	26	0.1
KEYPUNCH OPERATORS	30	17	0.1
STENOGRAPHERS	40	35	0.1
ACCOUNTING CLERKS	520	20	1.1
HAND BOOKKEEPERS	190	19	0.4
CASHIERS	1,170	14	2.4
FILE CLERKS	60	16	0.1
GENERAL OFFICE CLERKS	130	34	0.3
DESK CLERKS	1,470	23	3.0
PAYROLL/TIMEKEEPING CLERKS	200	17	0.4
PERSONNEL CLERKS	50	17	0.1
RECEPTIONISTS	30	23	0.1
SECRETARIES	350	8	0.7
SWITCHBOARD OPERATORS	560	14	1.2
TYPISTS	90	11	0.2
CLERICAL SUPERVISORS	220	18	0.5
CHANGE/BOOTH PERSONS	1,290	20	2.7
CASHIERS, N.E.C.	440	31	0.9
OFFICE CLERKS, N.E.C.	480	11	1.0
SHIPPING/RECEIVING CLERKS	50	38	0.1
STOCKROOM CLERKS	180	11	0.4
ALL OTHER CLERICAL OCCUPATIONS	120	NA	0.3
SALES OCCUPATIONS	200	NA	0.4

TABLE 31

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	35,350	NA	100.0
MANAGERS AND OFFICERS	950	NA	2.7
MANAGERS AND OFFICERS	910	14	2.6
ALL OTHER MANAGERS AND OFFICERS	40	NA	0.1
PROFESSIONAL OCCUPATIONS	580	NA	1.6
PURCHASING AGENTS/BUYERS	40	20	0.1
ACCOUNTANTS/AUDITORS	110	14	0.3
PERSONNEL/LABOR RELATIONS SPECIALISTS	30	21	0.1
PUBLIC RELATIONS PRACTITIONERS	70	38	0.2
ALL OTHER PROFESSIONAL OCCUPATIONS	330	NA	0.9
TECHNICAL OCCUPATIONS	110	NA	0.3
ENGINEERING TECHNICIANS	60	20	0.2
ALL OTHER TECHNICAL OCCUPATIONS	50	NA	0.1
SERVICE OCCUPATIONS	25,460	NA	72.0
ROOM CLEANERS (MAIDS)	3,490	26	9.9
HOUSE CLEANERS	660	32	1.9
CLEANERS, N.E.C.	1,420	12	4.0
GUARDS AND DOORKEEPERS	810	17	2.3
BREAD/PASTRY BAKERS	120	17	0.3
BARTENDERS	720	12	2.0
DINING ROOM ATTENDANTS	1,640	18	4.6
BUTCHERS/MEAT CUTTERS	80	18	0.2
HOSTS/HOSTESSES	640	15	1.8
KITCHEN HELPERS	1,560	16	4.4
WAITERS/WAITRESSES	3,700	9	10.5
SHORT ORDER COOKS	270	29	0.8
RESTAURANT COOKS	670	13	1.9
SANDWICH/COFFEE MAKERS	420	8	1.2
FOOD SERVICE WORKERS, N.E.C.	240	21	0.7
BELLHOPS	560	14	1.6
NONWORKING SERVICE SUPERVISORS	600	13	1.7
DICE BOX TENDERS	390	39	1.1
DICE DEALERS	1,100	31	3.1
"21" DEALERS	2,460	26	7.0
KENO CHECKERS	100	34	0.3
KENO RUNNERS	240	27	0.7
DEALERS, N.E.C.	490	36	1.4
SHIFT/PIT/FLOOR BOSSES	860	19	2.4
ALL OTHER SERVICE OCCUPATIONS	2,240	NA	6.3

TABLE 31 (CONT.)

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
MAINTENANCE AND PRODUCTION OCCUPATIONS	2,260	NA	6.4
MECHANICS/REPAIRERS, N.E.C.	110	38	0.3
TRUCK DRIVERS	20	25	0.1
CARPENTERS	150	10	0.4
ELECTRICIANS	130	18	0.4
NONWORKING SUPERVISORS	60	15	0.2
MAINTENANCE REPAIRERS	390	28	1.1
MAINTENANCE PAINTERS	90	19	0.2
GARDENERS/GROUNDSKEEPERS	210	21	0.6
SKILLED WORKERS, N.E.C.	230	36	0.7
SEMISKILLED WORKERS, N.E.C.	190	22	0.5
LABORERS, N.E.C.	150	17	0.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	540	NA	1.5
CLERICAL OCCUPATIONS	5,840	NA	16.5
COMPUTER OPERATORS	40	33	0.1
KEYPUNCH OPERATORS	20	28	0.1
STENOGRAPHERS	40	35	0.1
ACCOUNTING CLERKS	370	28	1.0
HAND BOOKKEEPERS	160	22	0.5
CASHIERS	850	18	2.4
FILE CLERKS	50	21	0.1
GENERAL OFFICE CLERKS	100	39	0.3
DESK CLERKS	950	34	2.7
PAYROLL/TIMEKEEPING CLERKS	160	21	0.4
PERSONNEL CLERKS	40	24	0.1
RECEPTIONISTS	20	26	0.1
SECRETARIES	280	10	0.8
SWITCHBOARD OPERATORS	460	17	1.3
TYPISTS	60	16	0.2
OFFICE CLERICAL SUPERVISORS	180	22	0.5
CHANGE/BOOTH PERSONS	1,020	25	2.9
CASHIERS, N.E.C.	370	37	1.0
OFFICE CLERKS, N.E.C.	410	9	1.2
STOCKROOM CLERKS	140	11	0.4
ALL OTHER CLERICAL OCCUPATIONS	150	NA	0.4
SALES OCCUPATIONS	140	NA	0.4

TABLE 32

RENO SMSA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	8,890	NA	100.0
MANAGERS AND OFFICERS	460	NA	5.2
MANAGERS AND OFFICERS	450	6	5.1
CASINO GENERAL MANAGERS	10	9	0.2
PROFESSIONAL OCCUPATIONS	260	NA	2.9
PURCHASING AGENTS/BUYERS	20	5	0.2
ACCOUNTANTS/AUDITORS	50	11	0.6
PUBLIC RELATIONS PRACTITIONERS	20	8	0.2
ALL OTHER PROFESSIONAL OCCUPATIONS	160	NA	1.9
TECHNICAL OCCUPATIONS	20	NA	0.3
SERVICE OCCUPATIONS	6,250	NA	70.3
ROOM CLEANERS (MAIDS)	1,230	5	13.8
HOUSE CLEANERS	120	37	1.3
CLEANERS, N.E.C.	290	8	3.3
GUARDS AND DOORKEEPERS	200	4	2.2
BARTENDERS	260	2	3.0
DINING ROOM ATTENDANTS	250	7	2.8
HOSTS/HOSTESSES	100	8	1.2
KITCHEN HELPERS	200	13	2.2
WAITERS/WAITRESSES	990	3	11.1
SHORT ORDER COOKS	50	39	0.6
RESTAURANT COOKS	290	9	3.2
SANDWICH/COFFEE MAKERS	30	27	0.3
BELLHOPS	100	9	1.1
NONWORKING SERVICE SUPERVISORS	50	15	0.6
HOUSEKEEPERS	70	12	0.7
DICE BOX TENDERS	50	4	0.6
DICE DEALERS	310	7	3.5
"21" DEALERS	610	8	6.9
ROULETTE DEALERS	20	4	0.2
KENO WRITERS	240	8	2.7
KENO CHECKERS	20	11	0.2
KENO RUNNERS	110	8	1.2
DEALERS, N.E.C.	80	1	0.9
SHIFT/PIT/FLOOR BOSSES	180	7	2.0
GAMING SUPERVISORS, N.E.C.	20	30	0.3
ALL OTHER SERVICE OCCUPATIONS	400	NA	4.5
MAINTENANCE AND PRODUCTION OCCUPATIONS	520	NA	5.9
MECHANICS/REPAIRERS, N.E.C.	60	14	0.6

TABLE 32 (CONT.)

RENO SMSA; MAY 1978
EMPLOYMENT IN HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES
(SIC 70)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
MACHINE WASHERS/STARCHERS	40	6	0.4
LAUNDRY OPERATORS	50	16	0.6
MAINTENANCE REPAIRERS	190	7	2.1
PARKING LOT ATTENDANTS	60	7	0.7
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	140	NA	1.5
CLERICAL OCCUPATIONS	1,330	NA	15.0
ACCOUNTING CLERKS	110	10	1.2
HAND BOOKKEEPERS	20	12	0.2
CASHIERS	180	13	2.1
DESK CLERKS	410	7	4.6
PAYROLL/TIMEKEEPING CLERKS	30	12	0.4
SECRETARIES	50	6	0.5
SWITCHBOARD OPERATORS	80	3	0.9
OFFICE CLERICAL SUPERVISORS	40	4	0.4
CHANGE/BOOTH PERSONS	220	6	2.5
CASHIERS, N.E.C.	50	3	0.6
STOCKROOM CLERKS	30	30	0.3
ALL OTHER CLERICAL OCCUPATIONS	120	NA	1.3
SALES OCCUPATIONS	40	NA	0.5
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	8	0.2
SALES CLERKS	20	31	0.2

SIC 72 - PERSONAL SERVICES

Establishments primarily engaged in providing services generally involving the care of the person or his/her apparel, such as laundries, dry cleaning plants, portrait photographic studios, and beauty and barber shops comprise this major group.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 72)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	3,892	-	1,096	-	2,471	-
1971	3,869	-0.6%	1,140	4.0%	2,411	-2.4%
1972	3,871	0.1%	1,142	0.2%	2,401	-0.4%
1973	3,935	1.7%	1,127	1.3%	2,442	1.7%
1974	4,024	2.2%	1,082	-4.0%	2,557	4.7%
1975*	3,983	*	981	*	2,588	*
1976	3,938	-1.1%	994	1.3%	2,512	-2.9%
1977	4,144	5.2%	1,047	5.3%	2,677	6.6%
1978	4,620	11.5%	1,324	26.5%	2,850	6.5%

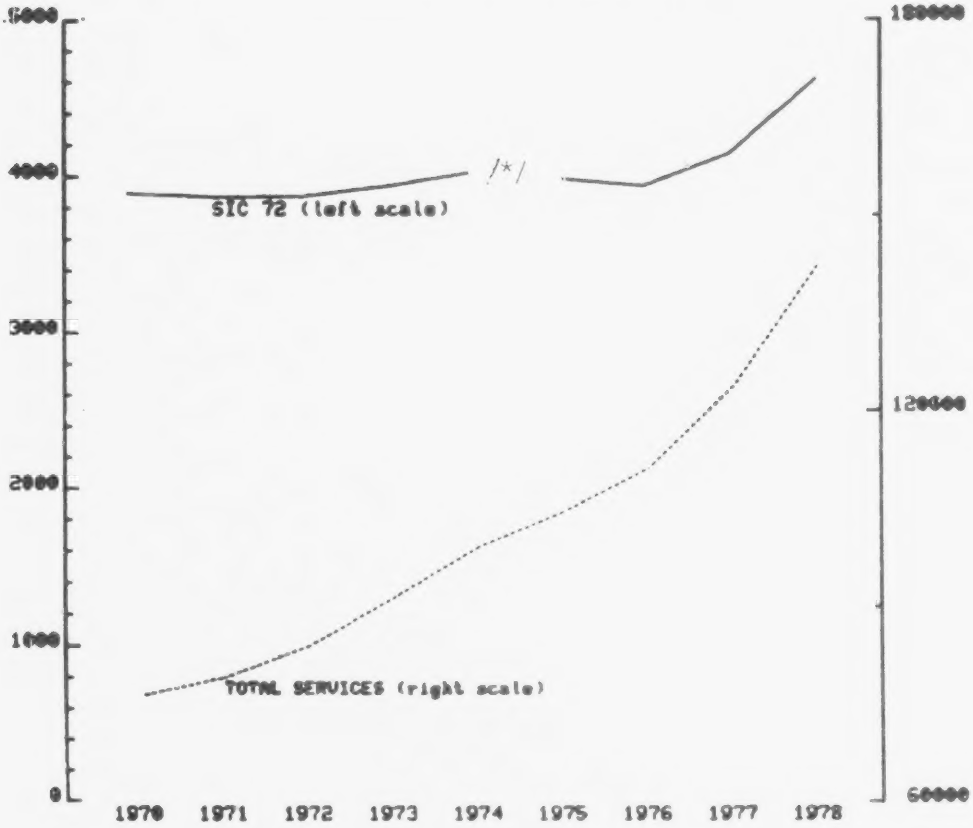
* Break in series - approximately 125 jobs lost Statewide due to recoding in first quarter, 1975.

Unlike most other industry groups in Nevada, personal services employment growth has been relatively small in the seventies. This has probably been due to less individual need for certain services. For example, the development of permanent press fabrics has undoubtedly reduced demand for laundry services. The largest single industry in the group is beauty shops (SIC 7231) with linen supply (SIC 7213) a close second. Approximately 60 percent of the employment is in the Las Vegas SMSA and another 30 percent is located in the Reno area.

On the following pages are graphs and tables describing employment trend and the occupational staffing within the major group.

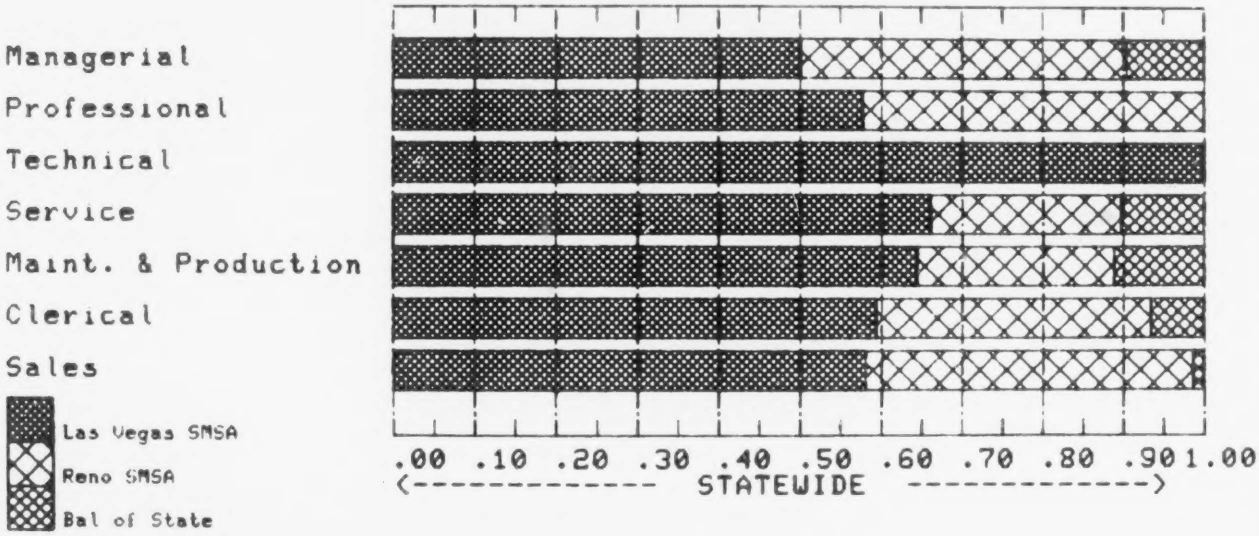
State of Nevada

SIC 72 and Total Service Employment

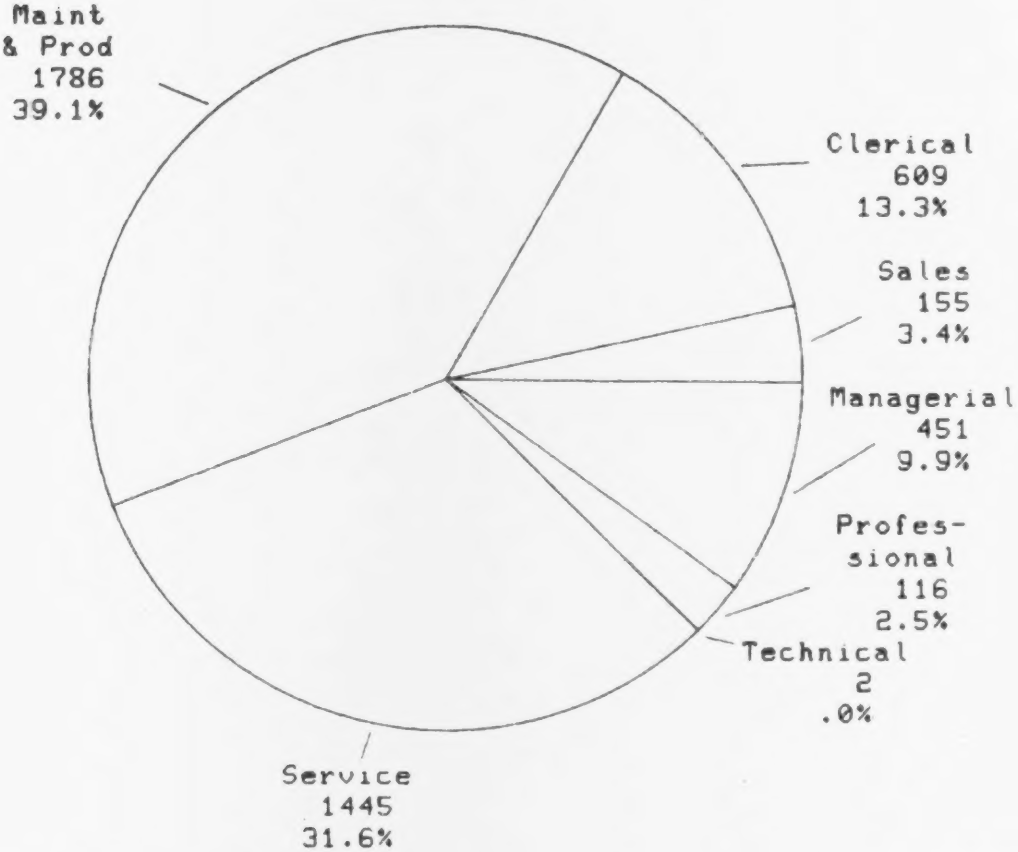


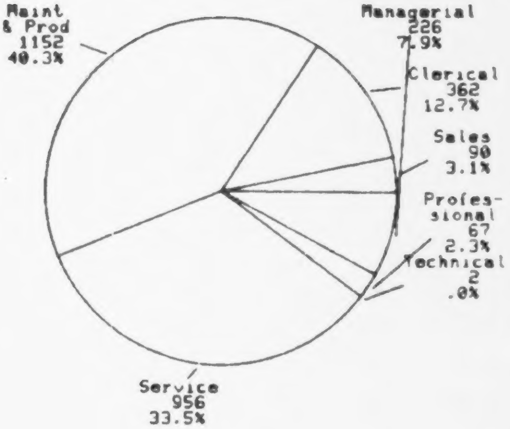
/*/ Break in series.

SIC 72 - Employment Distribution
Occupations By Area As Percent Of State Total

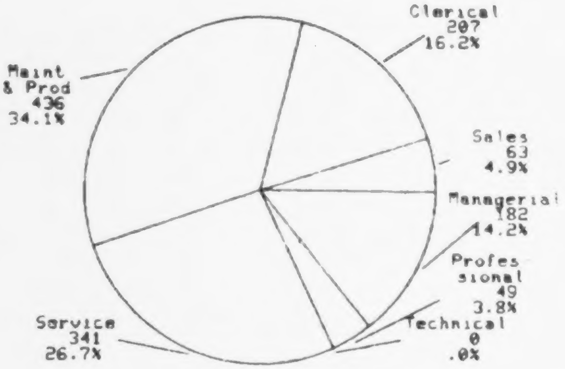


SIC 72 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 33

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN PERSONAL SERVICES
(SIC 72)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	4,560	NA	100.0
MANAGERS AND OFFICERS	450	4	9.9
PROFESSIONAL OCCUPATIONS	120	NA	2.5
PORTRAIT PHOTOGRAPHERS	60	7	1.2
ACCOUNTANTS/AUDITORS	30	23	0.6
EMBALMERS	20	6	0.5
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.2
SERVICE OCCUPATIONS	1,450	NA	31.7
ROOM CLEANERS (MAIDS)	10	34	0.2
CLEANERS, N.E.C.	60	12	1.2
BARBERS	120	11	2.7
COSMETOLOGISTS/HAIRSTYLISTS	910	2	19.9
ESCORTS/CHAPERONES	110	24	2.4
FUNERAL ATTENDANTS	30	13	0.5
MANICURISTS	70	6	1.6
SCALP TREATMENT OPERATORS	20	40	0.4
SHAMPOOERS	30	9	0.6
ALL OTHER SERVICE OCCUPATIONS	100	NA	2.1
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,790	NA	39.1
LAUNDRY-MACHINE MECHANICS	40	21	0.8
MARKERS, CLASSIFIERS, OR RELATED	130	17	2.8
DRY CLEANING SPOTTERS	40	17	0.8
WASHABLE MATERIALS SPOTTERS	40	40	0.9
MACHINE WASHERS/STARCHERS	100	12	2.1
TUMBLER OPERATORS	30	13	0.6
DRY CLEANING MACHINE OPERATORS	80	23	1.7
HAND DRY CLEANERS	10	27	0.3
LAUNDRY OPERATORS	20	28	0.4
HAND PRESSERS	30	18	0.6
MACHINE PRESSERS	270	11	6.0
LAUNDRY MACHINE PRESSERS	290	13	6.3
SHOE REPAIRERS	20	0	0.4
DELIVERY/ROUTE WORKER	190	10	4.2
NONWORKING SUPERVISORS	30	17	0.6
LAUNDRY FOLDERS	120	12	2.7
INSPECTORS	20	22	0.5
MAINTENANCE REPAIRERS	20	17	0.4
MENDERS	50	9	1.0
PRODUCTION PACKAGERS	50	14	1.2
ALTERATION TAILORS	50	14	1.1

TABLE 33 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN PERSONAL SERVICES
(SIC 72)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
LABORERS, N.E.C.	30	26	0.6
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	160	NA	3.5
CLERICAL OCCUPATIONS	610	NA	13.3
ACCOUNTING CLERKS	10	16	0.2
HAND BOOKKEEPERS	20	19	0.4
CASHIERS	10	26	0.3
COUNTER CLERKS	330	12	7.1
GENERAL OFFICER CLERKS	100	9	2.3
RECEPTIONISTS	70	11	1.6
SECRETARIES	10	20	0.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	9	0.3
PRODUCTION CLERKS/COORDINATORS	20	25	0.4
STOCKROOM CLERKS	10	26	0.3
ALL OTHER CLERICAL OCCUPATIONS	20	NA	0.4
SALES OCCUPATIONS	160	NA	3.4
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	130	16	2.7
SALES CLERKS	30	32	0.7

TABLE 34

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN PERSONAL SERVICES
(SIC 72)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,860	NA	100.0
MANAGERS AND OFFICERS	230	6	7.9
PROFESSIONAL OCCUPATIONS	70	NA	2.3
PHOTOGRAPHERS	30	12	1.1
ACCOUNTANTS/AUDITORS	20	36	0.5
EMBALMERS	10	10	0.4
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.3
SERVICE OCCUPATIONS	960	NA	33.6
CLEANERS, N.E.C.	30	13	0.9
BARBERS	100	11	3.6
COSMETOLOGISTS	550	2	19.4
ESCORTS/CHAPERONES	110	25	3.8
FUNERAL ATTENDANTS	20	19	0.6
MANICURISTS	70	6	2.3
SHAMPOOERS	30	9	0.9
ALL OTHER SERVICE OCCUPATIONS	60	NA	2.0
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,150	NA	40.3
LAUNDRY MACHINE MECHANICS	20	28	0.8
MARKERS, CLASSIFIERS, AND RELATED	90	25	3.0
DRY CLEANING SPOTTERS	30	20	0.9
MACHINE WASHERS/STARCHERS	60	14	2.2
TUMBLER OPERATORS	20	18	0.6
DRY CLEANING MACHINE OPERATORS	60	28	2.2
HAND PRESSERS	20	23	0.6
MACHINE PRESSERS	180	16	6.2
MACHINE LAUNDRY PRESSERS	200	17	7.1
DELIVERY/ROUTE WORKERS	110	14	3.7
NONWORKING SUPERVISORS	20	15	0.7
LAUNDRY FOLDERS	100	14	3.3
INSPECTORS	20	26	0.7
MAINTENANCE REPAIRERS	10	20	0.4
MENDERS	30	11	1.2
PRODUCTION PACKAGERS	40	17	1.4
ALTERATION TAILORS	30	20	0.9
LABORERS, N.E.C.	10	28	0.5
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	3.9

TABLE 34 (CONT.)

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN PERSONAL SERVICES
(SIC 72)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
CLERICAL OCCUPATIONS	360	NA	12.7
ACCOUNTING CLERKS	10	16	0.3
HAND BOOKKEEPERS	10	32	0.3
COUNTER CLERKS	190	15	6.6
GENERAL OFFICE CLERKS	50	16	1.7
RECEPTIONISTS	40	8	1.5
STOCKROOM CLERKS	10	30	0.3
ALL OTHER CLERICAL OCCUPATIONS	50	NA	1.7
SALES OCCUPATIONS	90	NA	3.2
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	60	30	2.1
SALES CLERKS	30	32	1.0

TABLE 35

RENO SMSA; MAY 1978
EMPLOYMENT IN PERSONAL SERVICES
(SIC 72)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,280	NA	100.0
MANAGERS AND OFFICERS	180	4	14.2
PROFESSIONAL OCCUPATIONS	50	NA	3.8
ACCOUNTANTS/AUDITORS	10	25	0.9
EMBALMERS	10	6	0.9
ALL OTHER PROFESSIONAL OCCUPATIONS	30	NA	2.1
SERVICE OCCUPATIONS	340	NA	26.7
CLEANERS, N.E.C.	20	29	1.3
COSMETOLOGISTS	240	4	18.8
ALL OTHER SERVICE OCCUPATIONS	80	NA	6.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	440	NA	34.1
MARKERS, CLASSIFIERS, AND RELATED	10	36	1.0
WASHABLE MATERIALS SPOTTERS	20	38	1.3
MACHINE WASHERS/STARCHERS	20	29	1.9
MACHINE PRESSERS	70	16	5.2
MACHINE LAUNDRY PRESSERS	60	17	4.8
DELIVERY/ROUTE WORKERS	40	21	2.9
PRODUCTION PACKAGERS	10	32	1.0
ALTERATION TAILORS	20	25	1.3
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	190	NA	14.8
CLERICAL OCCUPATIONS	210	NA	16.2
COUNTER CLERKS	120	22	9.1
GENERAL OFFICE CLERKS	50	9	3.5
RECEPTIONISTS	30	25	2.2
ALL OTHER CLERICAL OCCUPATIONS	20	NA	1.4
SALES OCCUPATIONS	60	NA	4.9
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	60	14	4.9

SIC 73 - BUSINESS SERVICES

This major group includes firms engaged in rendering services to business establishments on a fee or contract basis.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 73)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	9,557	-	1,084	-	3,914	-
1971	9,605	0.5%	1,161	7.1%	4,049	3.4%
1972	9,520	-0.9%	1,407	21.2%	4,378	8.1%
1973	9,187	-3.5%	1,531	8.8%	4,345	-0.8%
1974	9,128	-0.6%	1,440	-5.9%	4,344	0.0%
1975*	9,606	*	1,762	*	4,512	*
1976	10,261	6.8%	1,999	13.5%	5,044	11.8%
1977	10,997	7.2%	2,341	17.1%	5,554	10.1%
1978	12,292	11.8%	2,312	-1.2%	6,389	15.0%

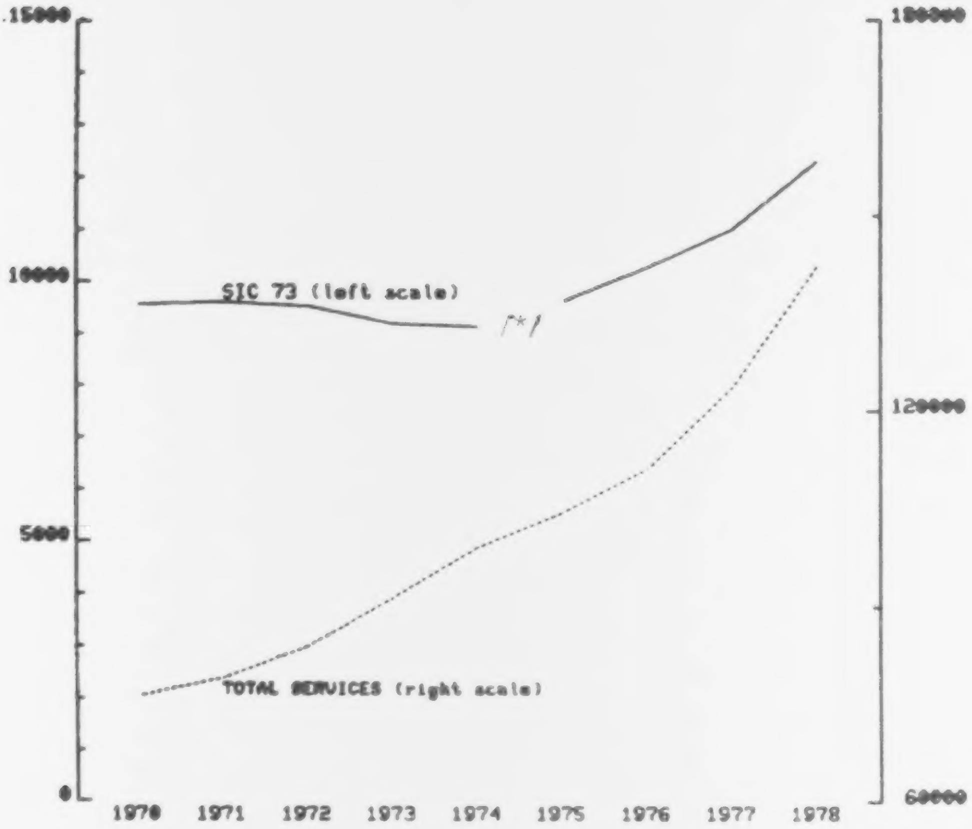
* Break in series - approximately 60 jobs gained Statewide due to recoding in first quarter, 1975.

Employment growth in SIC 73 has been minor in the decade, although it has been more rapid in the most recent years. Five different industries currently employ more than 1,000 persons: cleaning and maintenance services to buildings (SIC 7349); research and development laboratories (SIC 7391); management consulting, and public relations services (SIC 7392); detective agencies and protective services (SIC 7393); and business services not elsewhere classified (SIC 7399). Even though employment growth has been greatest in the Reno area, most employment is centered in the Las Vegas SMSA and one rural county (Nye) because of firms providing services at the Nevada Test Site.

Following are graphs and tables related to occupational trends in SIC 73.

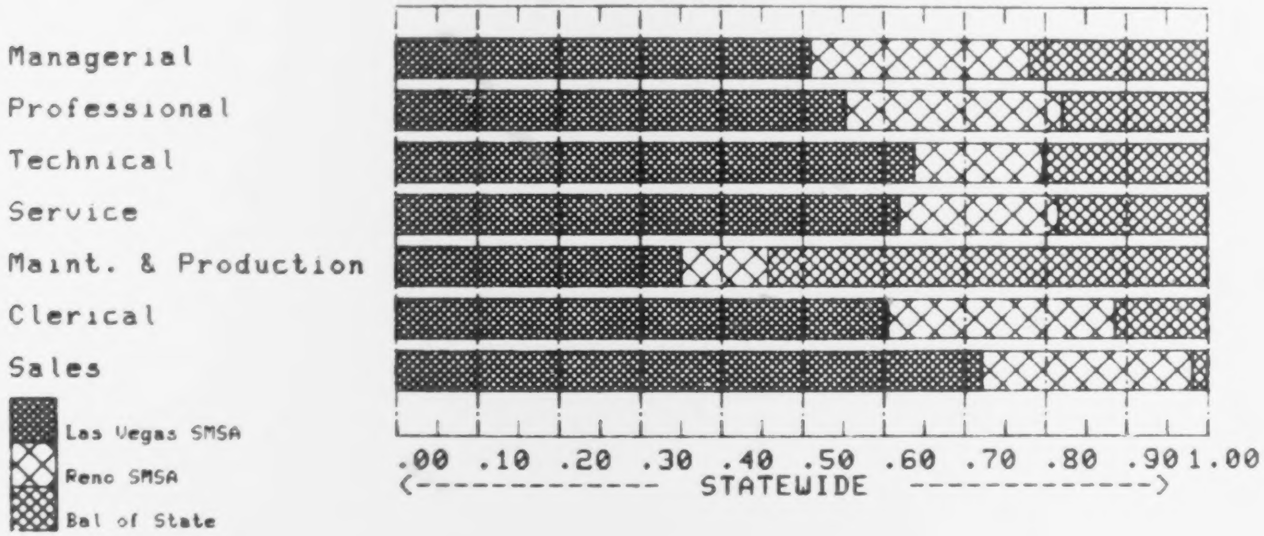
State of Nevada

SIC 73 and Total Service Employment

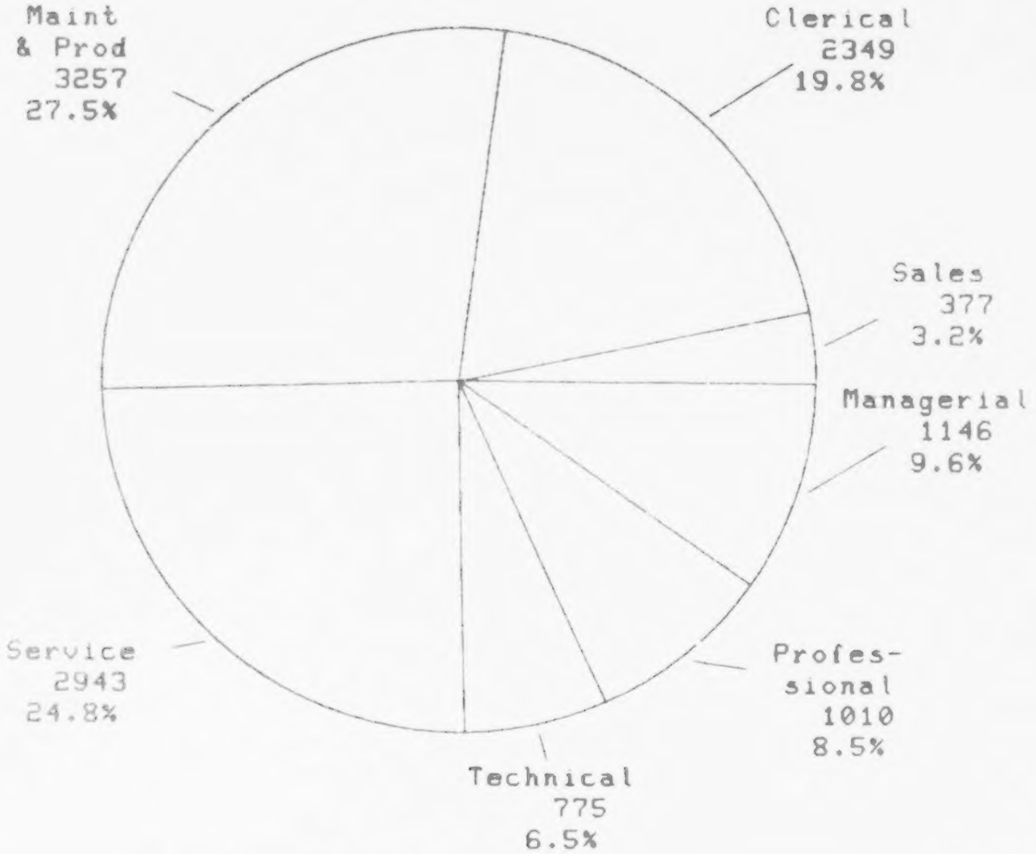


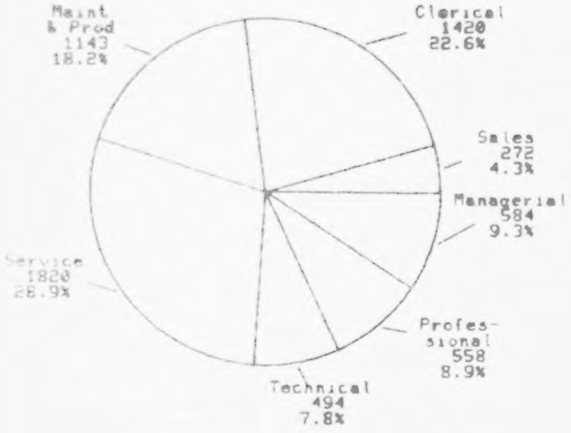
/*/ Break in series.

SIC 73 - Employment Distribution Occupations By Area As Percent Of State Total

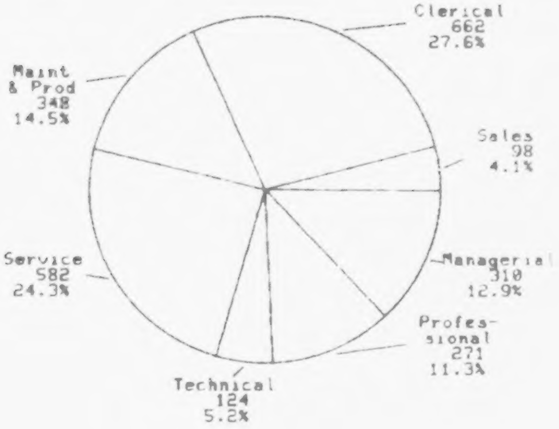


SIC 73 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 36

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN BUSINESS SERVICES
(SIC 73)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	11,860	NA	100.0
MANAGERS AND OFFICERS	1,150	3	9.7
PROFESSIONAL OCCUPATIONS	1,010	NA	8.5
CIVIL ENGINEERS	20	40	0.2
ELECTRICAL/ELECTRONIC ENGINEERS	70	17	0.6
MECHANICAL ENGINEERS	40	28	0.4
BUSINESS SYSTEMS ANALYSTS	60	25	0.5
SCIENTIFIC SYSTEMS ANALYSTS	10	29	0.1
PHOTOGRAPHERS	90	7	0.7
ACCOUNTANTS/AUDITORS	130	12	1.1
MEDIA BUYERS	20	31	0.1
COMMERCIAL ARTISTS	70	20	0.6
WRITERS/EDITORS	20	33	0.1
EMPLOYMENT INTERVIEWERS	70	40	0.6
PERSONNEL/LABOR RELATIONS SPECIALISTS	10	17	0.1
ALL OTHER PROFESSIONAL OCCUPATIONS	390	NA	3.3
TECHNICAL OCCUPATIONS	780	NA	6.5
BUSINESS COMPUTER PROGRAMMERS	30	22	0.3
SCIENTIFIC COMPUTER PROGRAMMERS	40	20	0.3
DRAFTERS	50	20	0.4
ELECTRICAL/ELECTRONIC TECHNICIANS	350	25	3.0
ALL OTHER TECHNICAL OCCUPATIONS	300	NA	2.5
SERVICE OCCUPATIONS	2,940	NA	24.8
HEAVY CLEANERS	150	10	1.3
LIGHT CLEANERS	130	17	1.1
HOUSE CLEANERS	90	23	0.7
CLEANERS, N.E.C.	660	8	5.6
GUARDS AND DOORKEEPERS	1,200	21	10.1
NONWORKING SERVICE SUPERVISORS	130	16	1.1
ALL OTHER SERVICE OCCUPATIONS	580	NA	4.9
MAINTENANCE AND PRODUCTION OCCUPATIONS	3,260	NA	27.5
ELECTRICAL INSTRUMENT REPAIRERS	180	12	1.5
MECHANICS/REPAIRERS, N.E.C.	130	22	1.1
DEVELOPERS/PROJECTIONS PRINTERS	80	13	0.7
TRUCK DRIVERS	310	18	2.6
BILL POSTERS	30	31	0.3
BLUEPRINTING MACHINE OPERATORS	10	33	0.1
DELIVERY/ROUTE WORKERS	160	15	1.4
ELECTRICIANS	10	27	0.1
EXTERMINATORS	100	18	0.9

TABLE 36 (CONT.)

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN BUSINESS SERVICES
(SIC 73)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
NONWORKING SUPERVISORS	280	10	2.4
MAINTENANCE REPAIRERS	110	36	0.9
SIGN ERECTORS	60	30	0.5
GARDENERS/GROUNDSKEEPERS	30	38	0.2
SKILLED WORKERS, N.E.C.	990	9	8.3
SEMISKILLED WORKERS, N.E.C.	180	29	1.5
LABORERS, N.E.C.	290	19	2.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	300	NA	2.5
CLERICAL OCCUPATIONS	2,350	NA	19.8
COMPUTER OPERATORS	70	17	0.6
KEYPUNCH OPERATORS	60	19	0.5
OFFICE MACHINE OPERATORS, N.E.C.	20	29	0.2
STENOGRAPHERS	90	27	0.7
ACCOUNTING CLERKS	130	18	1.1
HAND BOOKKEEPERS	80	12	0.6
CALL-OUT OPERATORS	10	33	0.1
COLLECTORS	90	15	0.7
CREDIT REPORTERS	70	30	0.6
MEDIA CLERKS/ESTIMATORS/BILLERS	10	30	0.1
FILE CLERKS	20	24	0.2
GENERAL OFFICE CLERKS	270	10	2.3
IN-FILE OPERATORS	10	38	0.1
PAYROLL/TIMEKEEPING CLERKS	40	12	0.3
RECEPTIONISTS	60	19	0.5
SECRETARIES	410	11	3.5
SWITCHBOARD OPERATORS	110	31	0.9
SWITCHBOARD OPERATORS-RECEPTIONISTS	40	24	0.3
TYPISTS	250	13	2.1
OFFICE CLERICAL SUPERVISORS	90	12	0.8
OFFICE CLERKS, N.E.C.	120	20	1.0
PRODUCTION CLERKS/COORDINATORS	50	26	0.4
SHIPPING/RECEIVING CLERKS	20	26	0.2
STOCKROOM CLERKS	160	19	1.4
ALL OTHER CLERICAL OCCUPATIONS	80	NA	0.7
SALES OCCUPATIONS	380	NA	3.2
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	290	15	2.4
SALES CLERKS	90	24	0.8

TABLE 37

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN BUSINESS SERVICES
(SIC 73)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	6,290	NA	100.0
MANAGERS AND OFFICERS	580	5	9.3
PROFESSIONAL OCCUPATIONS	560	NA	8.9
ELECTRICAL/ELECTRONIC ENGINEERS	30	29	0.4
MECHANICAL ENGINEERS	30	38	0.5
PHOTOGRAPHERS	90	7	1.4
ACCOUNTANTS/AUDITORS	90	13	1.5
COMMERCIAL ARTISTS	40	31	0.7
ALL OTHER PROFESSIONAL OCCUPATIONS	280	NA	4.4
TECHNICAL OCCUPATIONS	490	NA	7.9
BUSINESS COMPUTER PROGRAMMERS	30	25	0.4
SCIENTIFIC COMPUTER PROGRAMMERS	40	21	0.6
DRAFTERS	30	30	0.5
ELECTRICAL/ELECTRONIC TECHNICIANS	250	35	4.0
ALL OTHER TECHNICAL OCCUPATIONS	150	NA	2.4
SERVICE OCCUPATIONS	1,820	NA	28.9
HEAVY CLEANERS	130	10	2.1
LIGHT CLEANERS	110	19	1.8
HOUSE CLEANERS	60	27	0.9
CLEANERS, N.E.C.	540	10	8.6
GUARDS AND DOORKEEPERS	610	24	9.6
NONWORKING SERVICE SUPERVISORS	70	19	1.1
ALL OTHER SERVICE OCCUPATIONS	310	NA	4.9
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,140	NA	18.2
MECHANICS/REPAIRERS, N.E.C.	100	21	1,6
DEVELOPERS/PROJECTION PRINTERS	70	11	1.0
BLUEPRINTING MACHINE OPERATORS	10	33	0.2
DELIVERY/ROUTE WORKERS	100	17	1.6
ELECTRICIANS	10	29	0.2
EXTERMINATORS	80	19	1.3
NONWORKING SUPERVISORS	50	21	0.8
MAINTENANCE REPAIRERS	50	29	0.8
SKILLED WORKERS, N.E.C.	80	29	1.2
LABORERS, N.E.C.	70	34	1.2
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	520	NA	8.2

TABLE 37(CONT.)

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN BUSINESS SERVICES
(SIC 73)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
CLERICAL OCCUPATIONS	1,420	NA	22.6
COMPUTER OPERATORS	40	19	0.6
KEYPUNCH OPERATORS	40	21	0.6
STENOGRAPHERS	40	17	0.6
ACCOUNTING CLERKS	80	20	1.2
HAND BOOKKEEPERS	40	17	0.7
COLLECTORS	50	25	0.8
FILE CLERKS	20	24	0.4
GENERAL OFFICE CLERKS	180	13	2.8
PAYROLL/TIMEKEEPING CLERKS	30	15	0.4
RECEPTIONISTS	40	22	0.7
SECRETARIES	220	8	3.6
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	36	0.3
TYPISTS	130	21	2.1
OFFICE CLERICAL SUPERVISORS	60	17	0.9
OFFICE CLERKS, N.E.C.	110	23	1.7
PRODUCTION CLERKS/COORDINATORS	40	29	0.6
SHIPPING/RECEIVING CLERKS	10	30	0.2
STOCKROOM CLERKS	50	30	0.7
ALL OTHER CLERICAL OCCUPATIONS	240	NA	3.8
SALES OCCUPATIONS	270	NA	4.3
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	210	20	3.3
SALES CLERKS	70	29	1.0

TABLE 38

RENO SMSA; JUNE 1978
EMPLOYMENT IN BUSINESS SERVICES
(SIC 73)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,400	NA	100.0
MANAGERS AND OFFICERS	310	8	12.9
PROFESSIONAL OCCUPATIONS	270	NA	11.3
BUSINESS SYSTEMS ANALYSTS	20	8	1.0
SCIENTIFIC SYSTEMS ANALYSTS	10	35	0.4
ACCOUNTANTS/AUDITORS	20	21	1.0
COMMERCIAL ARTISTS	30	21	1.3
ALL OTHER PROFESSIONAL OCCUPATIONS	180	NA	7.6
TECHNICAL OCCUPATIONS	120	NA	5.2
ELECTRICAL/ELECTRONIC TECHNICIANS	70	24	2.9
ALL OTHER TECHNICAL OCCUPATIONS	50	NA	2.2
SERVICE OCCUPATIONS	580	NA	24.3
HEAVY CLEANERS	20	39	0.7
CLEANERS, N.E.C.	50	29	2.0
GUARDS AND DOORKEEPERS	370	29	15.2
ALL OTHER SERVICE OCCUPATIONS	150	NA	6.4
MAINTENANCE AND PRODUCTION OCCUPATIONS	350	NA	14.5
SIGN ERECTORS	20	24	0.7
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	330	NA	13.8
CLERICAL OCCUPATIONS	660	NA	27.6
COMPUTER OPERATORS	30	30	1.4
KEYPUNCH OPERATORS	20	35	0.8
ACCOUNTING CLERKS	50	35	2.0
HAND BOOKKEEPERS	30	18	1.4
COLLECTORS	30	13	1.3
CREDIT REPORTERS	20	21	0.8
GENERAL OFFICE CLERKS	70	16	2.9
RECEPTIONISTS	10	36	0.5
SECRETARIES	140	32	5.7
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	32	0.7
OFFICE CLERICAL SUPERVISORS	10	34	0.5
STOCKROOM CLERKS	70	39	2.9
ALL OTHER CLERICAL OCCUPATIONS	160	NA	6.5
SALES OCCUPATIONS	100	NA	4.1
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	70	24	2.9
ALL OTHER SALES OCCUPATIONS	30	NA	1.1

SIC 75 - AUTOMOTIVE REPAIR, SERVICE, AND GARAGES

SIC 75 includes establishments primarily engaged in furnishing automotive repair, rental, leasing, and parking services to the general public.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 75)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	1,640	-	564	-	926	-
1971	1,686	2.8%	607	7.6%	903	-2.5%
1972	1,784	5.8%	667	9.9%	912	1.0%
1973	1,892	6.1%	716	7.3%	976	7.0%
1974	1,767	-6.6%	612	-14.5%	969	-0.7%
1975*	1,943	*	638	*	1,110	*
1976	2,109	8.5%	686	7.5%	1,225	10.4%
1977	2,397	13.7%	778	13.4%	1,419	15.8%
1978	2,648	10.5%	875	12.5%	1,569	10.6%

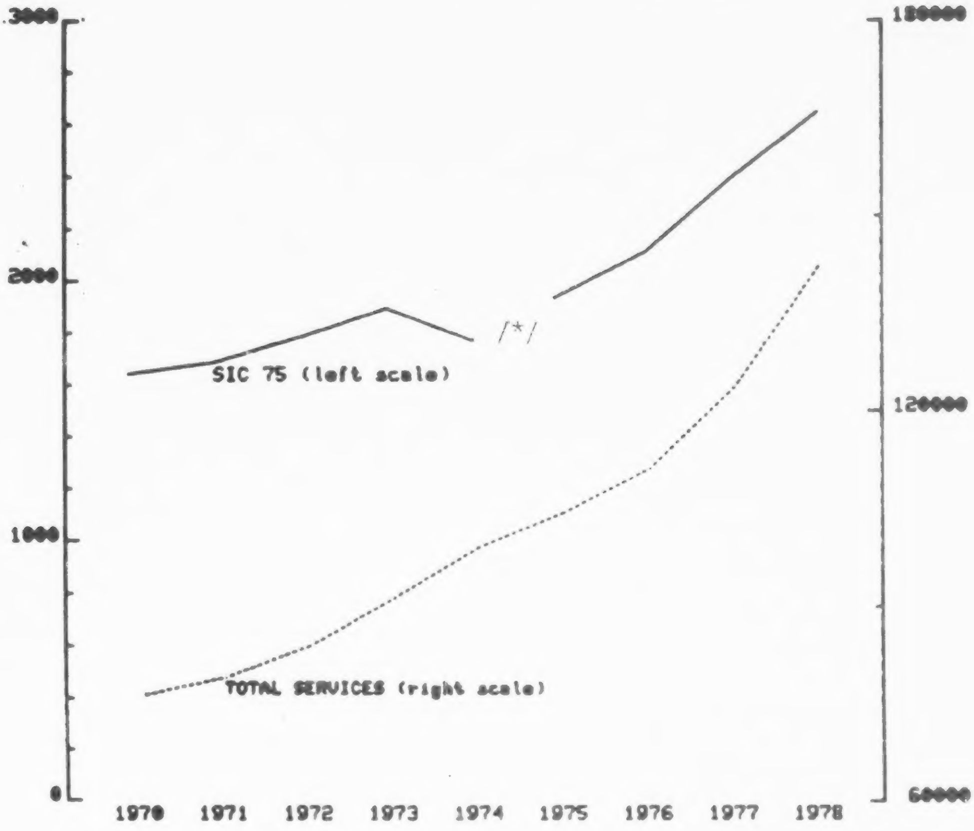
* Break in series - approximately 40 jobs lost Statewide due to recoding in first quarter, 1975.

For the most part, SIC 75 employment has been upward and has nearly approximated population growth over the eight year period. Currently, more than 90 percent of the employment is located in the two major urban areas of Nevada. Automotive rental and leasing (SIC 7512) and general automotive repair shops (SIC 7538) are the two most prominent industries of the group, employing about one-half of the total.

The following pages contain graphical and tabular analysis of SIC 75.

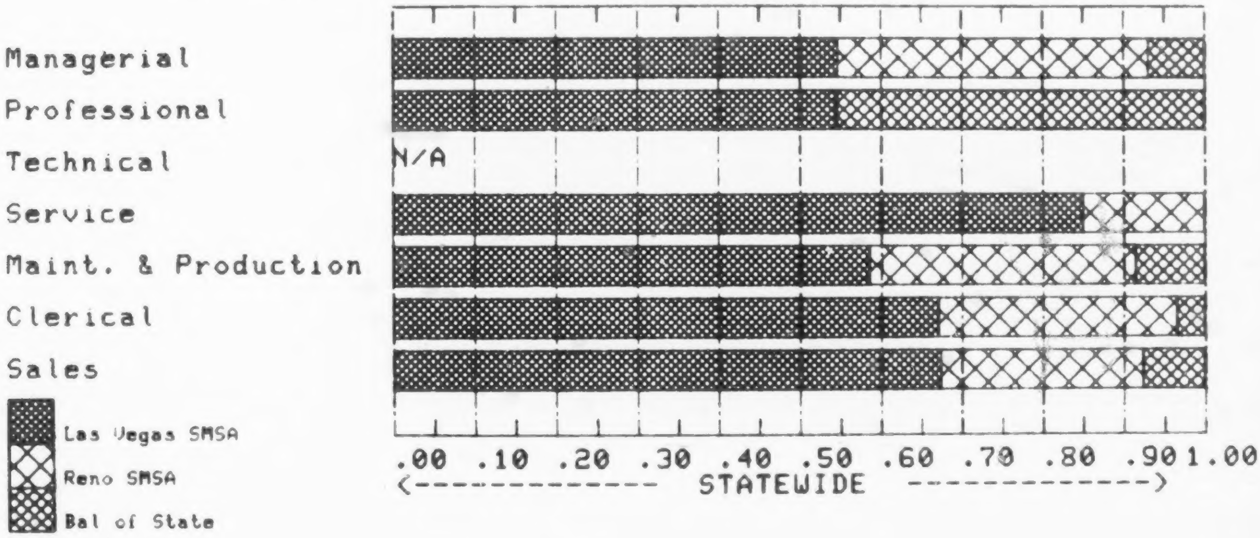
State of Nevada

SIC 75 and Total Service Employment

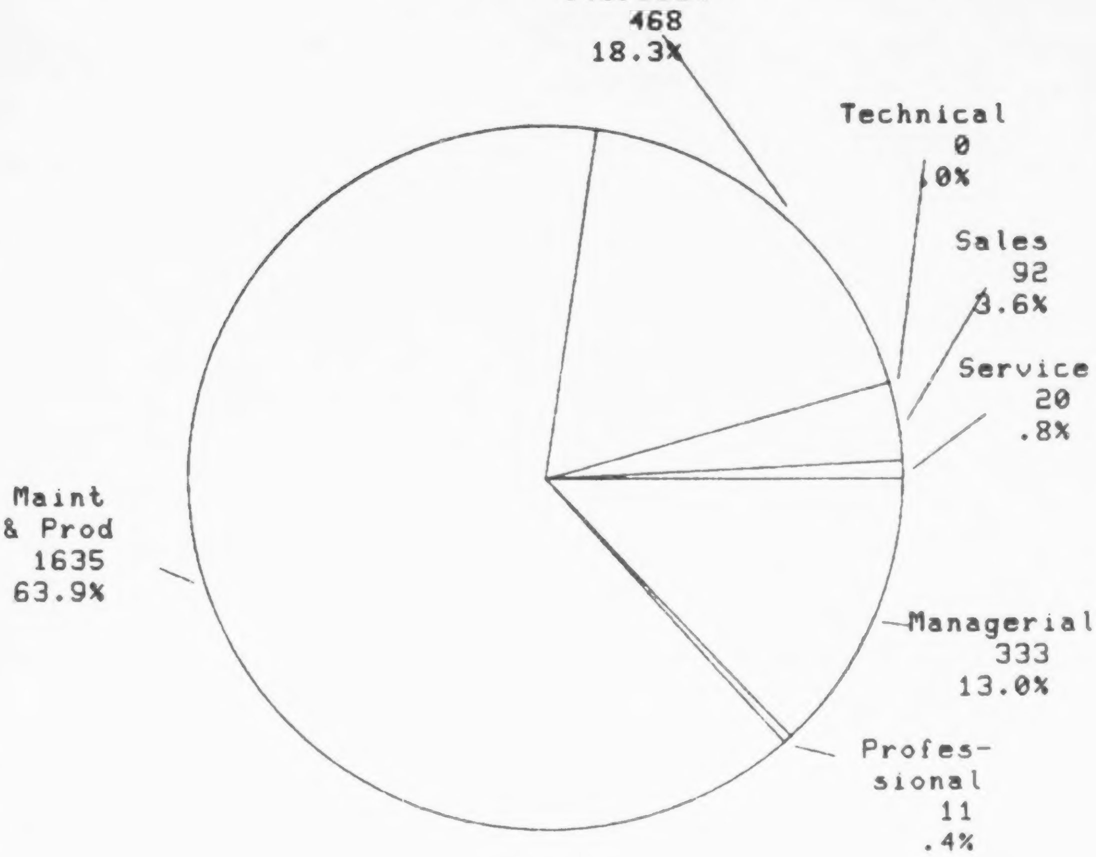


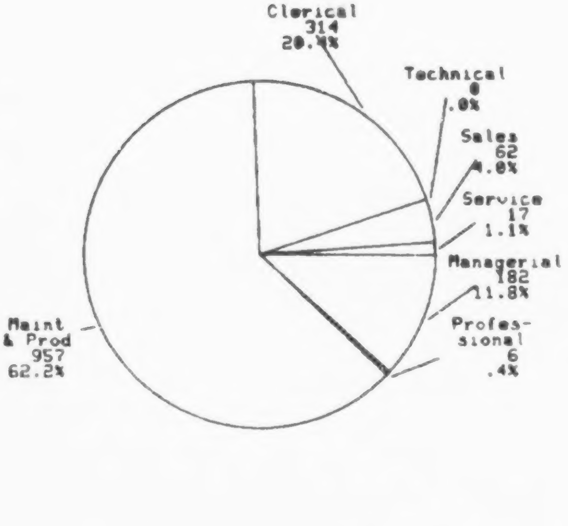
/*/ Break in series.

SIC 75 - Employment Distribution
Occupations By Area As Percent Of State Total

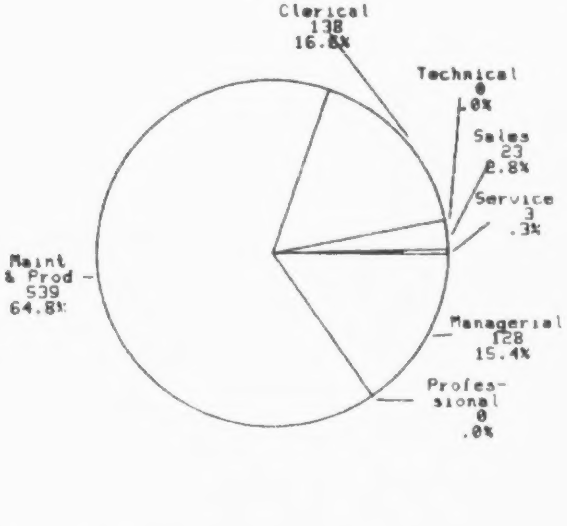


SIC 75 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 39

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN AUTOMOTIVE REPAIR, SERVICES, AND GARAGES
(SIC 75)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,560	NA	100.0
MANAGERS AND OFFICERS	330	6	13.0
PROFESSIONAL OCCUPATIONS	10	NA	0.4
ACCOUNTANTS/AUDITORS	10	22	0.4
SERVICE OCCUPATIONS	20	NA	0.8
JANITORS, PORTERS, CLEANERS	20	16	0.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	1,640	NA	63.9
AUTOMOTIVE MECHANICS	470	6	18.4
AUTOMOTIVE BODY REPAIRERS	170	11	6.7
DIESEL MECHANICS	60	22	2.1
TRUCK DRIVERS	90	20	3.3
VEHICLE CLEANERS	330	14	12.7
NONWORKING SUPERVISORS	30	17	1.3
MACHINISTS	50	23	1.8
MAINTENANCE REPAIRERS	30	20	1.1
TRADES HELPERS	60	19	2.4
AUTOMOTIVE PAINTERS	90	16	3.6
PARKING LOT ATTENDANTS	10	26	0.4
TIRE FABRICATORS/REPAIRERS	10	36	0.5
WELDERS/FLAMECUTTERS	10	35	0.5
FUEL PUMP ATTENDANTS/LUBRICATORS	40	35	1.6
AUTOMOBILE SEAT COVER INSTALLERS	20	33	0.6
AUTOMOTIVE GLASS INSTALLERS	30	38	1.0
RENTAL CAR DELIVERERS	70	23	2.5
SKILLED WORKERS, N.E.C.	20	33	0.7
LABORERS, N.E.C.	30	23	1.2
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	30	NA	1.3
CLERICAL OCCUPATIONS	470	NA	18.3
ACCOUNTING CLERKS	20	24	0.6
HAND BOOKKEEPERS	70	9	2.6
CAR RENTAL CLERKS	220	2	8.7
CASHIERS	40	14	1.4
GENERAL OFFICE CLERKS	60	13	2.1
SECRETARIES	30	14	1.2
VEHICLE DISPATCHERS	20	35	0.9
ALL OTHER CLERICAL OCCUPATIONS	20	NA	0.6
SALES OCCUPATIONS	90	NA	3.6
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	90	12	3.4

TABLE 40

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN AUTOMOTIVE REPAIR, SERVICES, AND GARAGES
(SIC 75)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,540	NA	100.0
MANAGERS AND OFFICERS	180	5	11.8
PROFESSIONAL OCCUPATIONS	10	NA	0.4
SERVICE OCCUPATIONS	20	NA	1.1
JANITORS, PORTERS, CLEANERS	20	17	1.0
MAINTENANCE AND PRODUCTION OCCUPATIONS	960	NA	62.2
AUTOMOTIVE MECHANICS	270	8	17.5
AUTOMOTIVE BODY REPAIRERS	70	15	4.2
DIESEL MECHANICS	30	31	1.6
TRUCK DRIVERS	60	20	4.0
VEHICLE CLEANERS	200	9	13.2
NONWORKING SUPERVISORS	30	20	1.7
MACHINISTS	40	27	2.3
TRADES HELPERS	30	28	2.2
AUTOMOTIVE PAINTERS	30	18	1.6
PARKING LOT ATTENDANTS	10	26	0.6
FUEL PUMP ATTENDANTS	30	40	1.9
AUTOMOBILE SEAT COVERERS	10	37	0.8
RENTAL CAR DELIVERERS	60	25	3.8
SKILLED WORKERS, N.E.C.	20	33	1.1
LABORERS, N.E.C.	20	31	1.4
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	60	NA	4.1
CLERICAL OCCUPATIONS	310	NA	20.4
HAND BOOKKEEPERS	40	11	2.5
CAR RENTAL CLERKS	170	3	10.8
CASHIERS	30	9	1.8
GENERAL OFFICE CLERKS	30	18	2.0
SECRETARIES	20	16	1.5
ALL OHTER CLERICAL OCCUPATIONS	30	NA	1.8
SALES OCCUPATIONS	60	NA	4.0
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	60	14	4.0

TABLE 41

RENO SMSA; MAY 1978
EMPLOYMENT IN AUTOMOTIVE REPAIR, SERVICES, AND GARAGES
(SIC 75)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	830	NA	100.0
MANAGERS AND OFFICERS	130	12	15.4
MAINTENANCE AND PRODUCTION OCCUPATIONS	540	NA	64.9
AUTOMOTIVE MECHANICS	160	11	19.4
AUTOMOTIVE BODY REPAIRERS	90	19	10.3
VEHICLE CLEANERS	120	36	14.5
MAINTENANCE REPAIRERS	30	21	3.1
TRADES HELPERS	20	26	2.3
AUTOMOTIVE PAINTERS	50	22	5.9
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	80	NA	9.1
CLERICAL OCCUPATIONS	140	NA	16.6
HAND BOOKKEEPERS	20	13	2.9
CAR RENTAL CLERKS	60	5	6.8
GENERAL OFFICE CLERKS	20	16	2.6
ALL OTHER CLERICAL OCCUPATIONS	40	NA	4.2
SALES OCCUPATIONS	20	NA	2.8
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	13	2.2
ALL OTHER SALES OCCUPATIONS	10	NA	0.6

SIC 76 - MISCELLANEOUS REPAIR SERVICES

This major group includes firms providing a variety of repair services including electrical repair, clock repair, reupholstery, and welding repair.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 76)

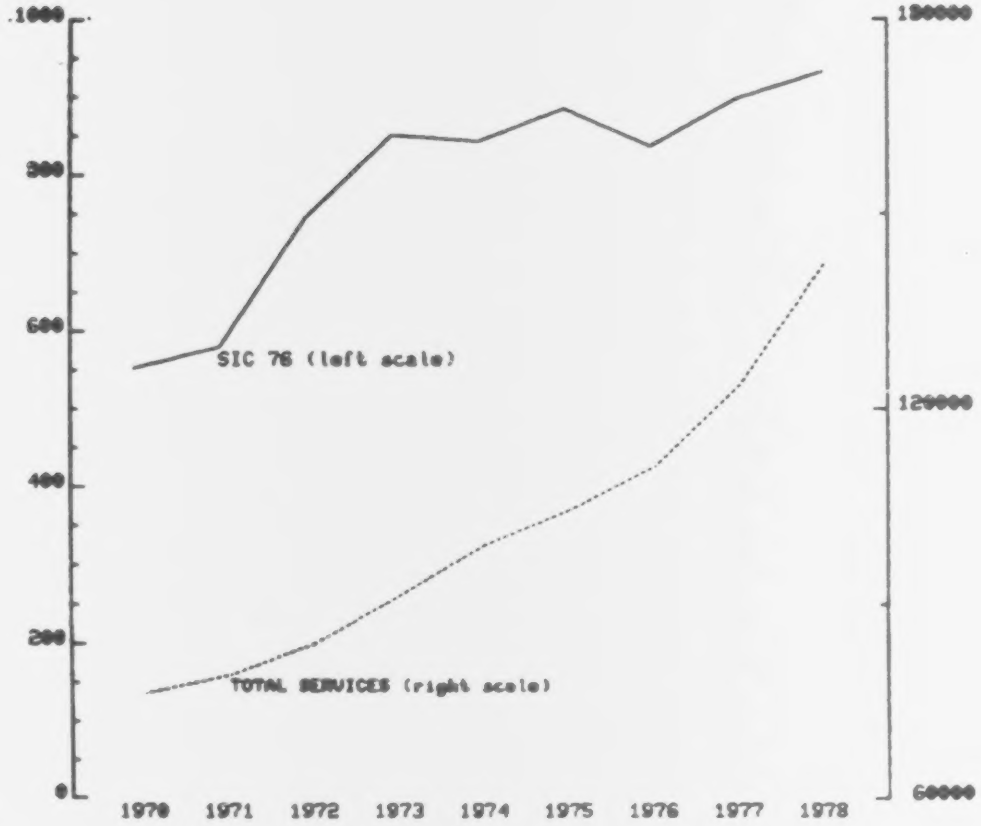
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	552	-	164	-	350	-
1971	579	4.9%	163	-0.6%	369	5.4%
1972	745	28.7%	191	17.2%	499	35.2%
1973	850	14.1%	219	14.7%	572	14.6%
1974	842	-0.9%	233	6.4%	544	-4.9%
1975	884	5.0%	251	7.7%	565	3.9%
1976	836	-5.4%	249	-0.8%	511	-9.6%
1977	897	7.3%	246	-1.2%	557	9.0%
1978	932	3.9%	251	2.0%	592	6.3%

Employment growth in SIC 76 was substantial in the early part of the decade, but has tapered off in recent years. Jobs in Las Vegas continue to number more than twice those in Reno, while the rural counties employ roughly 10 percent of the statewide total. Repair shops and related services not elsewhere classified (SIC 7699), which covers more than 80 types of repair services, is the largest detailed industry in terms of employment. Also important are radio and television repair shops (SIC 7622), refrigeration and air conditioning service and repair shops (SIC 7623), other electric and electronic repair shops (SIC 7629), and reupholstery and furniture repair (SIC 7641).

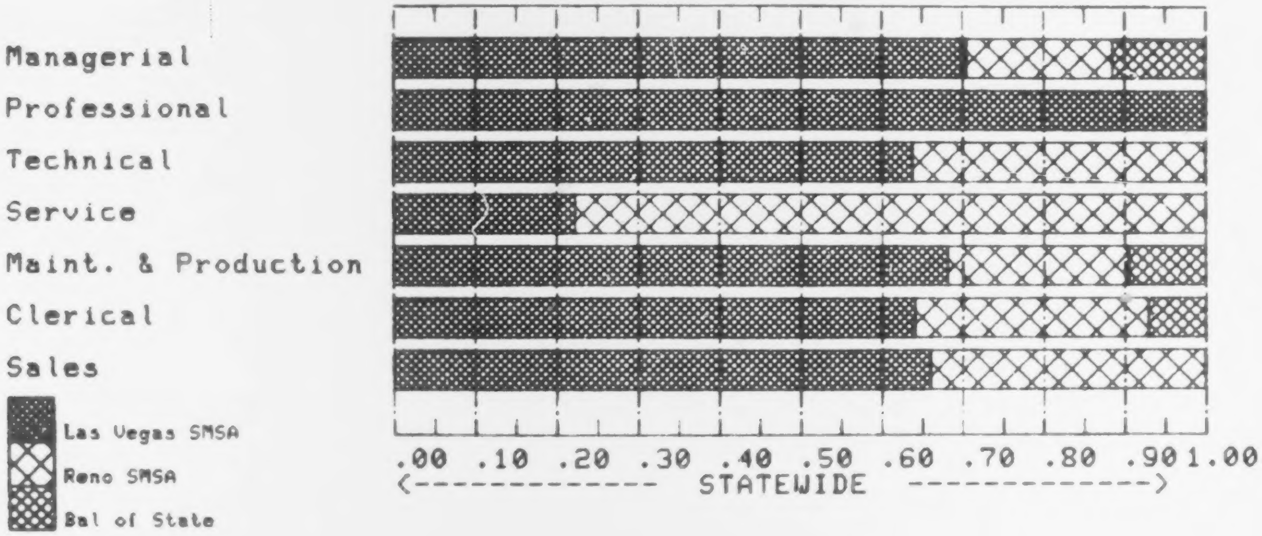
Graphs and tables detailing the employment trend and staffing patterns in SIC 76 are included on the upcoming pages.

State of Nevada

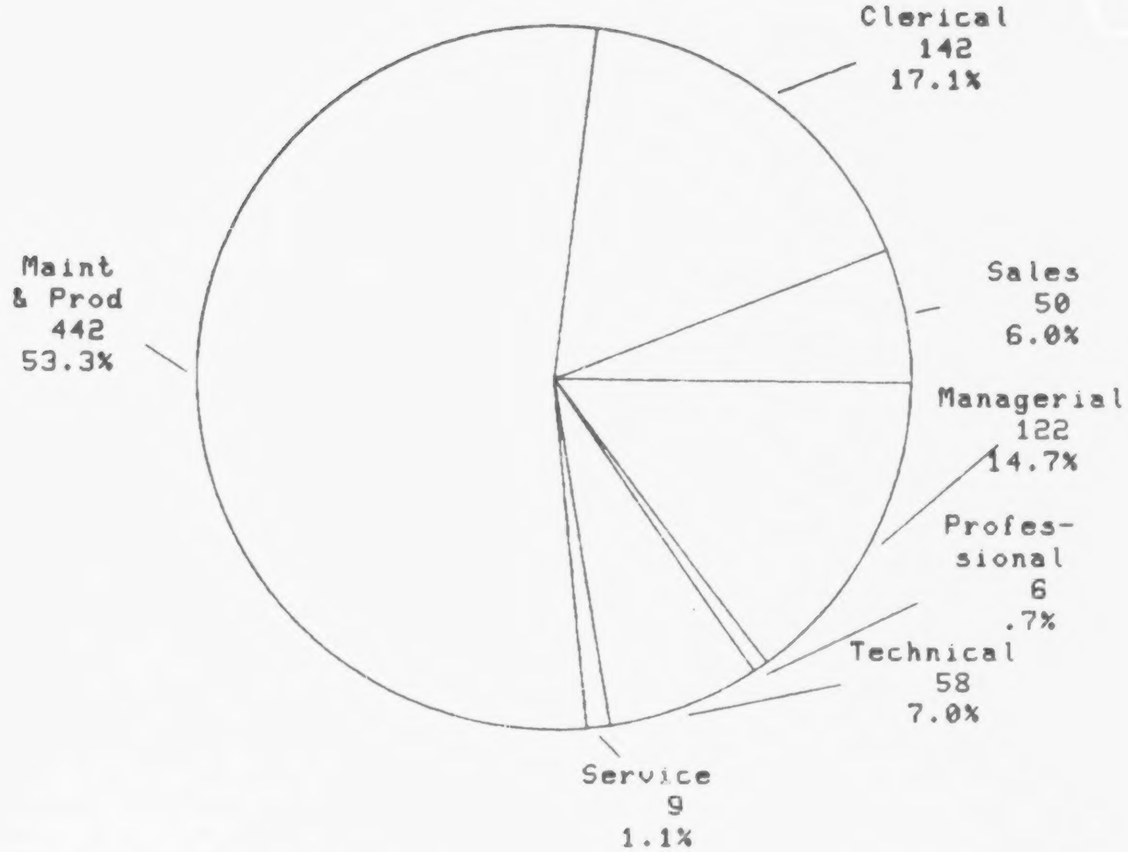
SIC 76 and Total Service Employment

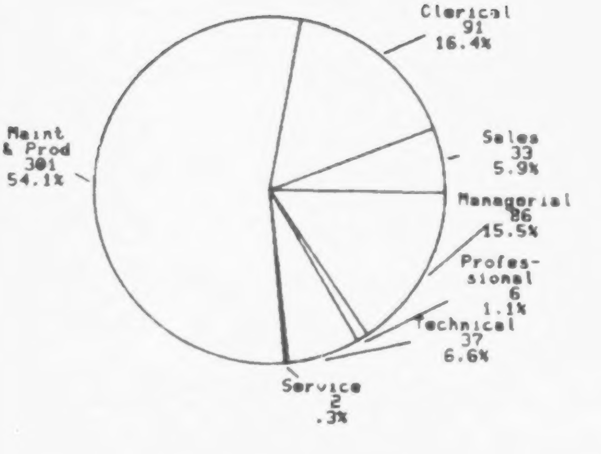


SIC 76 - Employment Distribution
Occupations By Area As Percent Of State Total

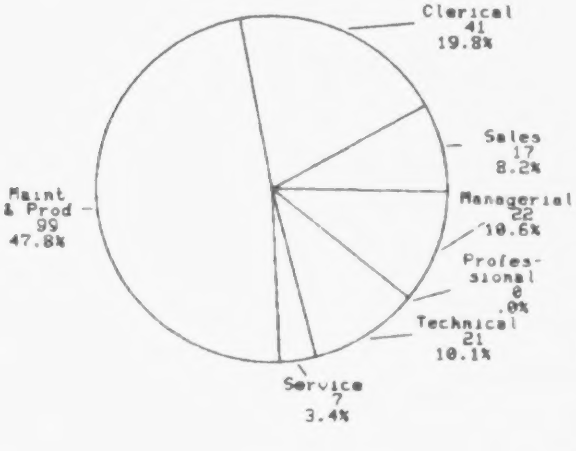


SIC 76 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 42

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN MISCELLANEOUS REPAIR SERVICES
(SIC 76)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	830	NA	100.0
MANAGERS AND OFFICERS	120	7	14.7
PROFESSIONAL OCCUPATIONS	10	NA	0.7
TECHNICAL OCCUPATIONS	60	NA	7.0
ELECTRICAL/ELECTRONIC TECHNICIANS	60	20	7.0
SERVICE OCCUPATIONS	10	NA	1.1
MAINTENANCE AND PRODUCTION OCCUPATIONS	440	NA	53.3
ELECTRIC MOTOR REPAIRERS	30	24	3.6
LOCKSMITHS	50	26	5.9
REFRIGERATION/AIR CONDITIONING MECHANICS	70	17	8.5
TV/RADIO SERVICERS	40	23	5.1
GAS/ELECTRIC APPLIANCE REPAIRERS	30	25	4.0
MECHANICS/REPAIRERS, N.E.C.	30	21	3.4
ELECTRICIANS	20	39	1.8
MAINTENANCE REPAIRERS	20	30	2.6
FURNITURE UPHOLSTERERS	40	5	4.2
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	120	NA	14.1
CLERICAL OCCUPATIONS	140	NA	17.1
HAND BOOKKEEPERS	40	20	5.1
GENERAL OFFICE CLERKS	40	14	4.7
SECRETARIES	40	12	4.2
SHIPPING/RECEIVING CLERKS	10	25	1.4
ALL OTHER CLERICAL OCCUPATIONS	10	NA	1.7
SALES OCCUPATIONS	50	NA	6.0
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	20	19	2.3
SALES CLERKS	30	15	3.7

TABLE 43

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN MISCELLANEOUS REPAIR SERVICES
(SIC 76)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	560	NA	100.0
MANAGERS AND OFFICERS	90	6	15.5
PROFESSIONAL OCCUPATIONS	10	NA	1.1
TECHNICAL OCCUPATIONS	40	NA	6.7
ELECTRICAL/ELECTRONIC TECHNICIANS	40	21	6.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	300	NA	54.1
ELECTRIC MOTOR REPAIRERS	20	24	4.3
LOCKSMITHS	40	27	6.6
REFRIGERATION/AIR CONDITIONING MECHANICS	60	16	11.1
TV/RADIO SERVICERS	30	21	5.2
GAS/ELECTRIC APPLIANCE REPAIRERS	20	24	3.6
MECHANICS/REPAIRERS, N.E.C.	20	22	3.9
FURNITURE UPHOLSTERERS	30	6	5.7
SKILLED WORKERS, N.E.C.	10	30	2.0
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	60	NA	11.5
CLERICAL OCCUPATIONS	90	NA	16.4
HAND BOOKKEEPERS	20	12	3.0
GENERAL OFFICE CLERKS	30	13	4.5
SECRETARIES	30	12	5.5
ALL OTHER CLERICAL OCCUPATIONS	20	NA	3.2
SALES OCCUPATIONS	30	NA	5.9
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	10	24	2.3
SALES CLERKS	20	12	3.6

SIC 79 - AMUSEMENT AND RECREATION SERVICES

SIC 79 includes establishments engaged in providing amusement or entertainment on payment of a fee or admission charge.

Wage and Salary Employment 1971 to 1978
In Nevada and the SMSA's
(SIC 79)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1971	27,687	-	11,531	-	10,385	-
1972	28,274	2.1%	11,111	-3.6%	10,919	5.1%
1973	32,106	13.6%	12,060	8.5%	13,146	20.4%
1974	37,073	15.5%	12,287	1.9%	17,078	29.9%
1975*	38,666	*	12,812	*	17,764	*
1976	42,325	9.5%	14,188	10.7%	19,485	9.7%
1977	47,502	12.2%	15,693	10.6%	22,048	13.2%
1978	50,804	7.0%	17,675	12.6%	22,501	2.1%

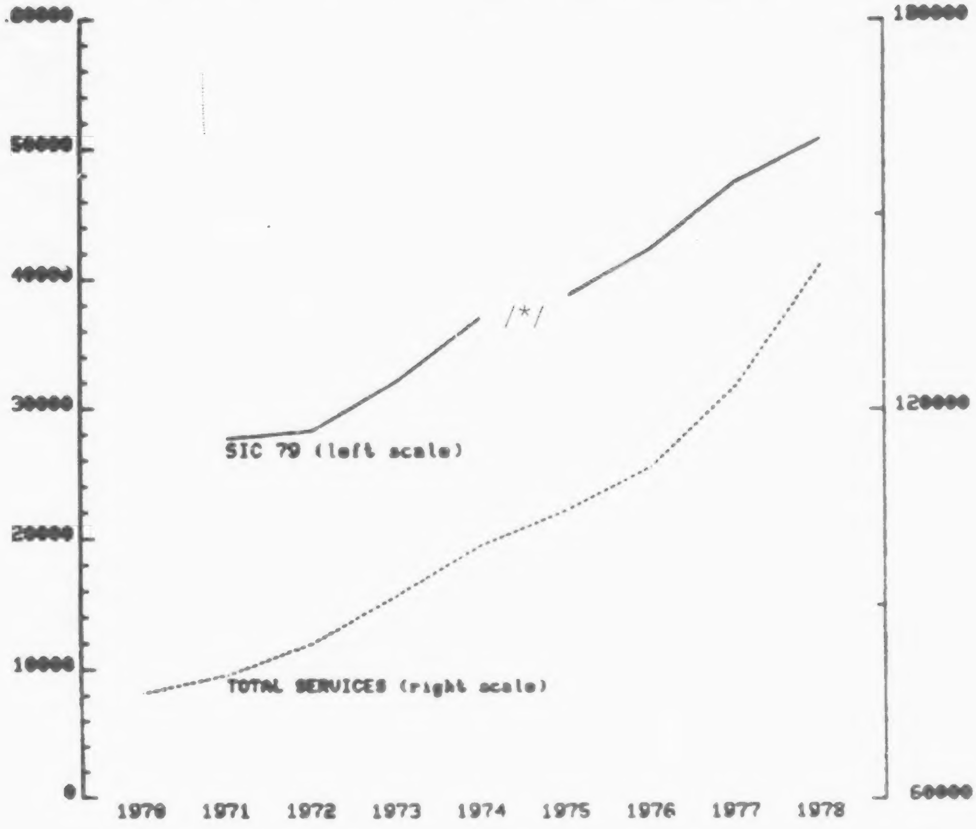
* Break in series - approximately 3,400 jobs gained Statewide due to recoding in first quarter, 1975.

Among all industry groups in the State, SIC 79 is number one in employment. Although trends are somewhat distorted because of the break in series and the reclassification of certain firms between SIC's 70 and 79, there is little doubt that the seventies have been a period of significant growth for amusement and recreation services. Employment is currently divided among Las Vegas, Reno, and the Balance-of-State at approximately 45, 35, and 20 percent respectively. Amusement and recreation services not elsewhere classified (SIC 7999) is far and away the largest detailed industry in the group; this catch-all category includes gambling establishments, not primarily operating coin-operated machines, among many types of amusement and recreation services.

The next page contains graphs depicting the employment trend and the occupational structure of SIC 79. Following that are tables showing occupational staffing for the State, Reno, and Las Vegas.

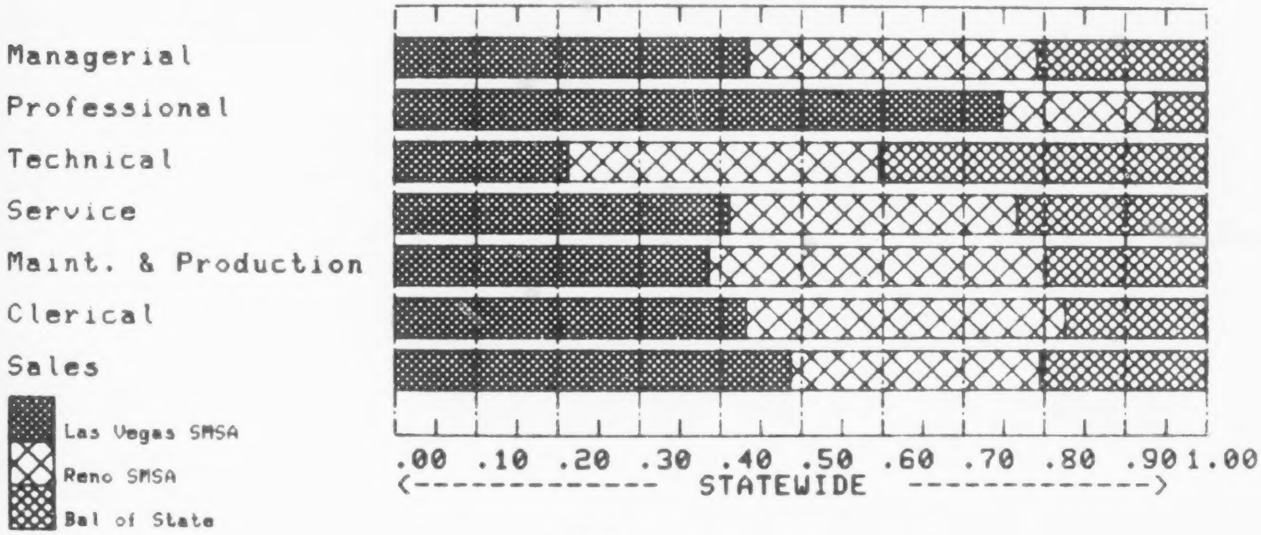
State of Nevada

SIC 79 and Total Service Employment

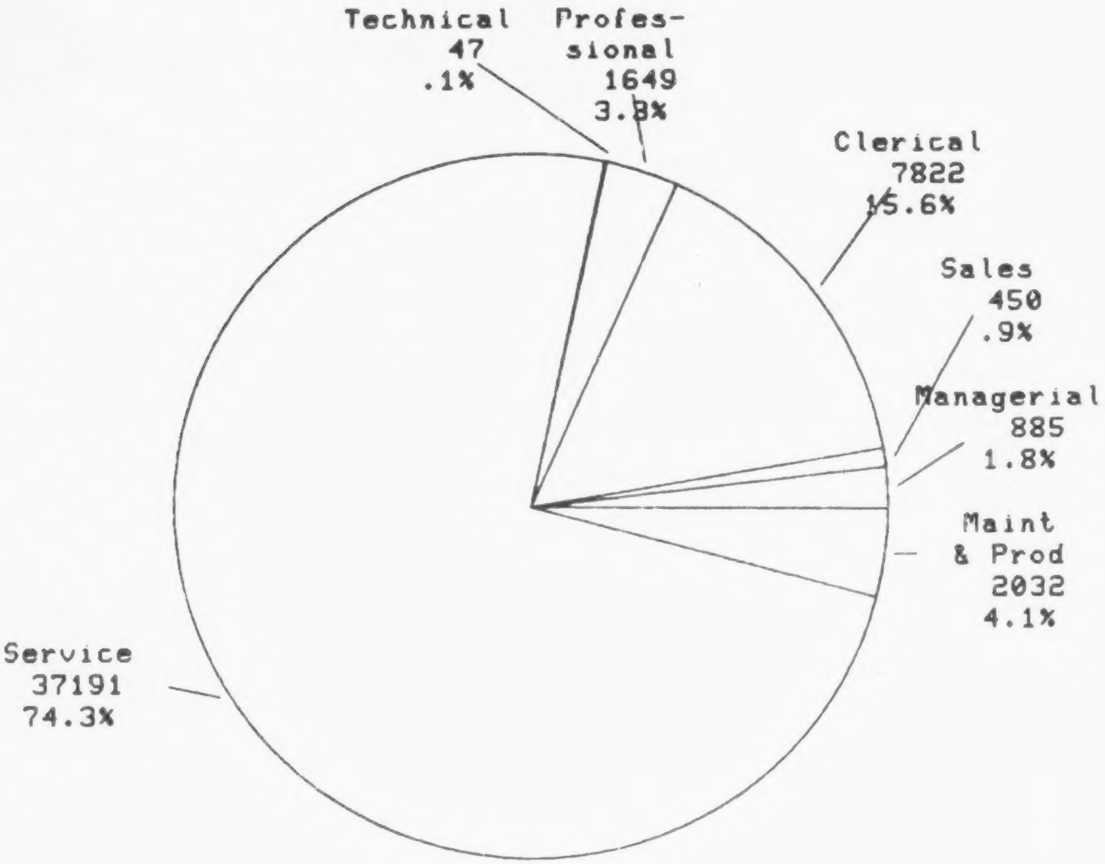


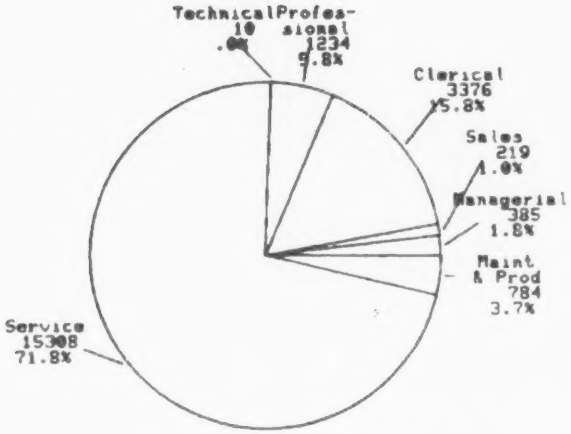
/*/ Break in series.

SIC 79 - Employment Distribution
Occupations By Area As Percent Of State Total

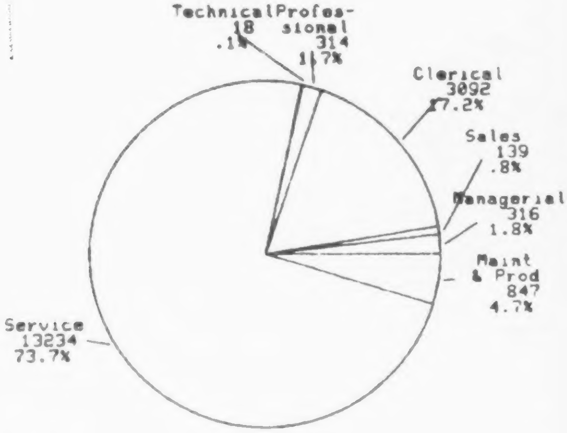


SIC 79 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 44

STATE OF NEVADA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	50,080	NA	100.0
MANAGERS AND OFFICERS	890	NA	1.8
MANAGERS AND OFFICERS	800	10	1.6
CASINO GENERAL MANAGERS	80	17	0.2
PROFESSIONAL OCCUPATIONS	1,650	NA	3.3
PURCHASING AGENTS/BUYERS	20	25	0.0
ACCOUNTANTS/AUDITORS	130	14	0.3
DANCE INSTRUCTORS	20	24	0.0
DANCERS	260	22	0.5
INSTRUMENTAL MUSICIANS	930	9	1.9
PUBLIC RELATIONS PRACTITIONERS	90	19	0.2
SINGERS	30	19	0.1
ALL OTHER PROFESSIONAL OCCUPATIONS	170	NA	0.3
TECHNICAL OCCUPATIONS	50	NA	0.1
COMPUTER PROGRAMMERS	10	28	0.0
ALL OTHER TECHNICAL OCCUPATIONS	40	31	0.1
SERVICE OCCUPATIONS	37,190	NA	74.3
ROOM CLEANERS (MAIDS)	1,410	10	2.8
CLEANERS, N.E.C.	2,110	5	4.2
GUARDS AND DOORKEEPERS	1,130	7	2.3
BREAD/PASTRY BAKERS	20	36	0.0
BARTENDERS	1,390	6	2.8
DINING ROOM ATTENDANTS	1,750	8	3.5
HOSTS/HOSTESSES	670	11	1.3
KITCHEN HELPERS	1,920	6	3.8
WAITER/WAITRESSES	5,070	5	10.1
SHORT ORDER COOKS	920	13	1.8
COOKS	1,370	9	2.7
SANDWICH/COFFEE MAKERS	40	23	0.1
CHILD CARE ATTENDANTS	30	19	0.1
NONWORKING SERVICE SUPERVISORS	270	13	0.5
HOUSEKEEPERS	110	11	0.2
CONCESSION WORKERS	210	29	0.4
DICE BOX TENDERS	490	9	1.0
DICE DEALERS	2,490	8	5.0
"21" DEALERS	7,540	5	15.1
ROULETTE DEALERS	260	13	0.5
SHILLS	300	14	0.6
DICE STICK HANDLERS	70	30	0.1
KENO WRITERS	2,120	8	4.2
KENO CHECKERS	330	11	0.7
KENO RUNNERS	800	8	1.6

TABLE 44 (CONT.)

STATE OF NEVADA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
LIFEGUARDS	30	37	0.1
CHECKROOM ATTENDANTS	60	27	0.1
DEALERS, N.E.C.	1,060	9	2.1
SHIFT BOSSES	1,910	6	3.8
GAMING SUPERVISORS, N.E.C.	530	18	1.1
ALL OTHER SERVICE OCCUPATIONS	790	NA	1.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	2,030	NA	4.1
MAINTENANCE MECHANICS	50	32	0.1
AUTOMATIC PINSETTER MECHANICS	20	8	0.0
COIN MACHINE SERVICERS	540	9	1.1
TRUCK DRIVERS	10	25	0.0
CARPENTERS	20	30	0.0
ELECTRICIANS	50	19	0.1
NONWORKING SUPERVISORS	140	24	0.3
MAINTENANCE REPAIRERS	560	7	1.1
PARKING LOT ATTENDANTS	340	14	0.7
SEMISKILLED WORKERS, N.E.C.	70	25	0.1
LABORERS, N.E.C.	30	36	0.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	210	NA	0.4
CLERICAL OCCUPATIONS	7,820	NA	15.6
COMPUTER OPERATORS	20	24	0.0
ACCOUNTING CLERKS	370	11	0.7
HAND BOOKKEEPERS	90	24	0.2
CASHIERS	910	27	1.8
BOWLING DESK CLERKS	50	6	0.1
GENERAL OFFICE CLERKS	250	14	0.5
PAYROLL/TIMEKEEPING CLERKS	140	10	0.3
RECEPTIONISTS	20	21	0.0
SECRETARIES	210	8	0.4
SWITCHBOARD OPERATORS	180	12	0.4
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	33	0.0
OFFICE CLERICAL SUPERVISORS	140	12	0.3
CHANGE/BOOTH PERSONS	3,540	6	7.1
CASHIERS, N.E.C.	1,310	12	2.6
OFFICE CLERKS, N.E.C.	350	11	0.7
STOCKROOM CLERKS	60	28	0.1
PLANT CLERKS, N.E.C.	70	29	0.1
ALL OTHER CLERICAL OCCUPATIONS	110	NA	0.2
SALES OCCUPATIONS	450	NA	0.9
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	110	26	0.2
SALES CLERKS	340	13	0.7

TABLE 45

LAS VEGAS SMSA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	21,320	NA	100.0
MANAGERS AND OFFICERS	390	NA	1.8
MANAGERS AND OFFICERS	350	18	1.6
CASINO GENERAL MANAGERS	40	29	0.2
PROFESSIONAL OCCUPATIONS	1,230	NA	5.8
ACCOUNTANTS/AUDITORS	50	21	0.2
DANCE INSTRUCTORS	20	24	0.1
DANCERS	260	22	1.2
INSTRUMENTAL MUSICIANS	770	9	3.6
PUBLIC RELATIONS PRACTITIONERS	20	18	0.1
SINGERS	30	20	0.1
ALL OTHER PROFESSIONAL OCCUPATIONS	90	NA	0.4
TECHNICAL OCCUPATIONS	10	NA	0.0
SERVICE OCCUPATIONS	15,310	NA	71.8
ROOM CLEANERS (MAIDS)	650	17	3.1
CLEANERS, N.E.C.	760	12	3.5
GUARDS AND DOORKEEPERS	530	14	2.5
BARTENDERS	380	13	1.8
DINING ROOM ATTENDANTS	600	12	2.8
HOSTS/HOSTESSES	160	20	0.7
KITCHEN HELPERS	620	9	2.9
WAITERS/WAITRESSES	2,060	8	9.6
SHORT ORDER COOKS	440	18	2.1
RESTAURANT COOKS	410	26	1.9
NONWORKING SERVICE SUPERVISORS	50	32	0.2
HOUSEKEEPERS	60	19	0.3
CONCESSION WORKERS	160	37	0.8
DICE BOX TENDERS	370	11	1.8
DICE DEALERS	1,180	15	5.5
"21" DEALERS	3,040	10	14.3
SHILLS	250	14	1.2
DICE STICK HANDLERS	70	32	0.3
KENO WRITERS	820	19	3.8
KENO CHECKERS	140	19	0.6
KENO RUNNERS	270	16	1.3
DEALERS, N.E.C.	770	11	3.6
SHIFT/PIT/FLOOR BOSSES	870	10	4.1
GAMING SUPERVISORS, N.E.C.	250	33	1.2
ALL OTHER SERVICE OCCUPATIONS	410	NA	1.9

TABLE 45 (CONT.)

LAS VEGAS SMSA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
MAINTENANCE AND PRODUCTION OCCUPATIONS	780	NA	3.7
AUTOMATIC PINSETTER MECHANICS	10	3	0.1
COIN MACHINE SERVICERS	140	19	0.7
ELECTRICIANS	30	27	0.1
MAINTENANCE REPAIRERS	280	11	1.3
PARKING LOT ATTENDANTS	160	26	0.7
GARDENERS/GROUNDSKEEPERS	30	22	0.1
SEMISKILLED WORKERS, N.E.C.	60	20	0.3
LABORERS, N.E.C.	30	36	0.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	60	NA	0.3
CLERICAL OCCUPATIONS	3,380	NA	15.8
ACCOUNTING CLERKS	190	15	0.9
BOWLING DESK CLERKS	30	4	0.1
GENERAL OFFICE CLERKS	150	23	0.7
PAYROLL/TIMEKEEPING CLERKS	80	10	0.4
RECEPTIONISTS	10	38	0.0
SECRETARIES	90	11	0.4
SWITCHBOARD OPERATORS	60	24	0.3
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	18	0.1
OFFICE CLERICAL SUPERVISORS	60	15	0.3
CHANGE/BOOTH PERSONS	1,330	11	6.2
CASHIERS, N.E.C.	530	28	2.5
OFFICE CLERKS, N.E.C.	190	14	0.9
ALL OTHER CLERICAL OCCUPATIONS	650	NA	3.0
SALES OCCUPATIONS	220	NA	1.0
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	60	39	0.3
SALES CLERKS	160	24	0.8

TABLE 46

RENO SMSA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	17,960	NA	100.0
MANAGERS AND OFFICERS	320	NA	1.8
MANAGERS AND OFFICERS	290	18	1.6
CASINO GENERAL MANAGERS	20	22	0.1
PROFESSIONAL OCCUPATIONS	310	NA	1.7
PURCHASING AGENTS/BUYERS	20	30	0.1
ACCOUNTANTS/AUDITORS	30	18	0.2
PUBLIC RELATIONS PRACTITIONERS	60	26	0.3
ALL OTHER PROFESSIONAL OCCUPATIONS	210	NA	1.2
TECHNICAL OCCUPATIONS	20	NA	0.1
SERVICE OCCUPATIONS	13,230	NA	73.7
ROOM CLEANERS (MAIDS)	330	11	1.8
CLEANERS, N.E.C.	880	4	4.9
GUARDS AND DOORKEEPERS	410	6	2.3
BREAD/PASTRY BAKERS	20	36	0.1
BARTENDERS	600	6	3.4
DINING ROOM ATTENDANTS	890	10	5.0
HOSTS/HOSTESSES	270	15	1.5
KITCHEN HELPERS	800	13	4.5
WAITERS/WAITRESSES	1,720	8	9.6
SHORT ORDER COOKS	200	31	1.1
RESTAURANT COOKS	640	8	3.6
NONWORKING SERVICE SUPERVISORS	80	23	0.5
HOUSEKEEPERS	40	14	0.2
DICE BOX TENDERS	60	30	0.3
DICE DEALERS	750	8	4.2
"21" DEALERS	2,540	6	14.1
ROULETTE DEALERS	100	20	0.6
KENO WRITERS	1,010	8	5.6
KENO CHECKERS	150	17	0.8
KENO RUNNERS	380	11	2.1
CHECKROOM ATTENDANTS	50	32	0.3
DEALERS, N.E.C.	210	17	1.2
SHIFT/PIT/FLOOR BOSSES	610	9	3.4
GAMING SUPERVISORS, N.E.C.	120	16	0.7
ALL OTHER SERVICE OCCUPATIONS	360	NA	2.0

TABLE 46 (CONT.)

RENO SMSA; APRIL 1978
EMPLOYMENT IN AMUSEMENT AND RECREATION SERVICES (EXCEPT MOTION PICTURES)
(SIC 79)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
MAINTENANCE AND PRODUCTION OCCUPATIONS	850	NA	4.7
MAINTENANCE MECHANICS	40	35	0.2
COIN MACHINE SERVICERS	270	13	1.5
ELECTRICIANS	20	27	0.1
NONWORKING SUPERVISORS	80	30	0.4
MAINTENANCE REPAIRERS	160	13	0.9
PARKING LOT ATTENDANTS	110	24	0.6
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	170	NA	0.9
CLERICAL OCCUPATIONS	3,090	NA	17.2
COMPUTER OPERATORS	20	25	0.1
ACCOUNTING CLERKS	130	17	0.7
HAND BOOKKEEPERS	60	30	0.3
CASHIERS	270	23	1.5
GENERAL OFFICE CLERKS	60	22	0.3
PAYROLL/TIMEKEEPING CLERKS	50	24	0.3
SECRETARIES	70	15	0.4
SWITCHBOARD OPERATORS	80	10	0.4
OFFICE CLERICAL SUPERVISORS	60	17	0.3
CHANGE/BOOTH PERSONS	1,500	10	8.4
CASHIERS, N.E.C.	550	9	3.1
OFFICE CLERKS, N.E.C.	120	23	0.7
ALL OTHER CLERICAL OCCUPATIONS	140	NA	0.8
SALES OCCUPATIONS	140	NA	0.8
SALES AGENTS/ASSOCIATES/REPRESENTATIVES	50	37	0.3
SALES CLERKS	90	23	0.5

SIC 80 - HEALTH SERVICES

The health services industry group includes establishments primarily engaged in furnishing medical, surgical, and related service to persons. Also included are associations or groups primarily engaged in providing health-related services to members.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 80)*

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	3,343	-	1,017	-	2,068	-
1971	3,764	12.6%	1,159	14.0%	2,321	12.2%
1972	4,525	20.2%	1,330	14.8%	2,847	22.7%
1973	5,254	16.1%	1,523	14.5%	3,361	18.1%
1974	5,916	12.6%	1,576	3.5%	3,896	15.9%
1975	6,512	10.1%	1,733	10.0%	4,299	10.3%
1976	7,278	11.8%	1,886	8.8%	4,831	12.4%
1977	8,053	10.6%	2,125	12.7%	5,233	8.3%
1978	8,924	10.8%	2,276	7.1%	5,881	12.4%

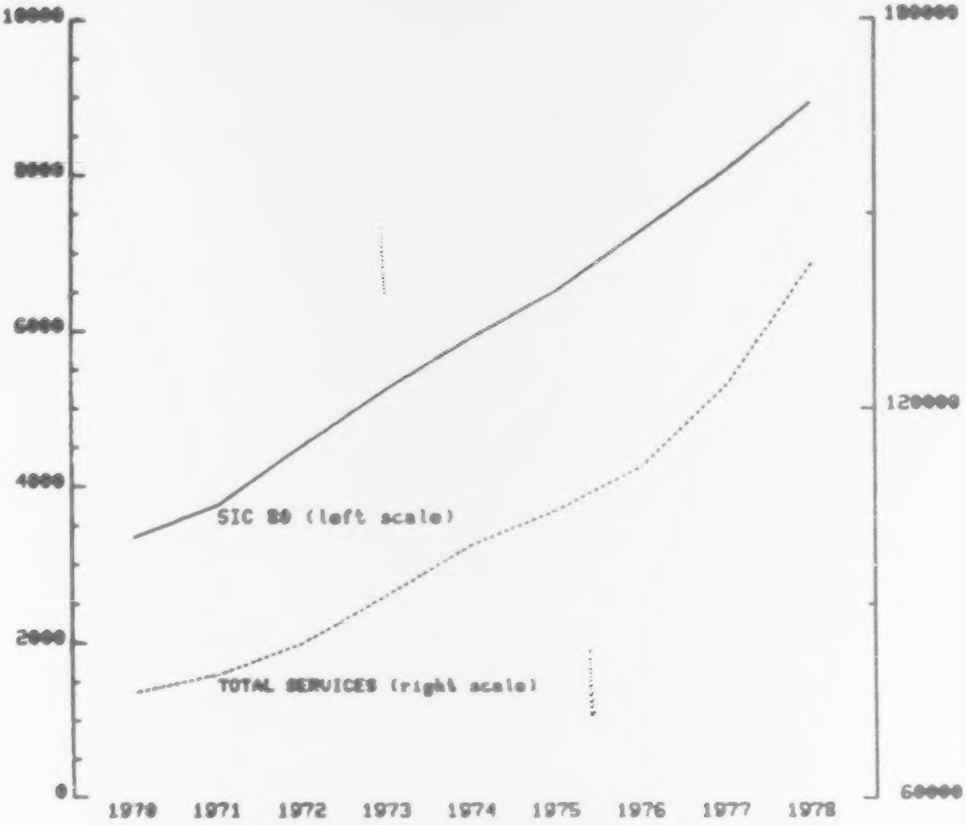
* Excludes private non-profit and government hospitals (SIC 806).

The health services industry has been one of the fastest growing in the State with an average annual growth of more than 12 percent. Various types of hospitals (SIC 806) have the largest share of the major group's employment, however they were not included in this occupational survey. The most significant health service industries surveyed were offices of physicians (SIC 8011), offices of dentists (SIC 8021), and skilled nursing care facilities (SIC 8051). About one-half of the employment in health services other than hospitals is in the Las Vegas area and another 35-40 percent is in Washoe County.

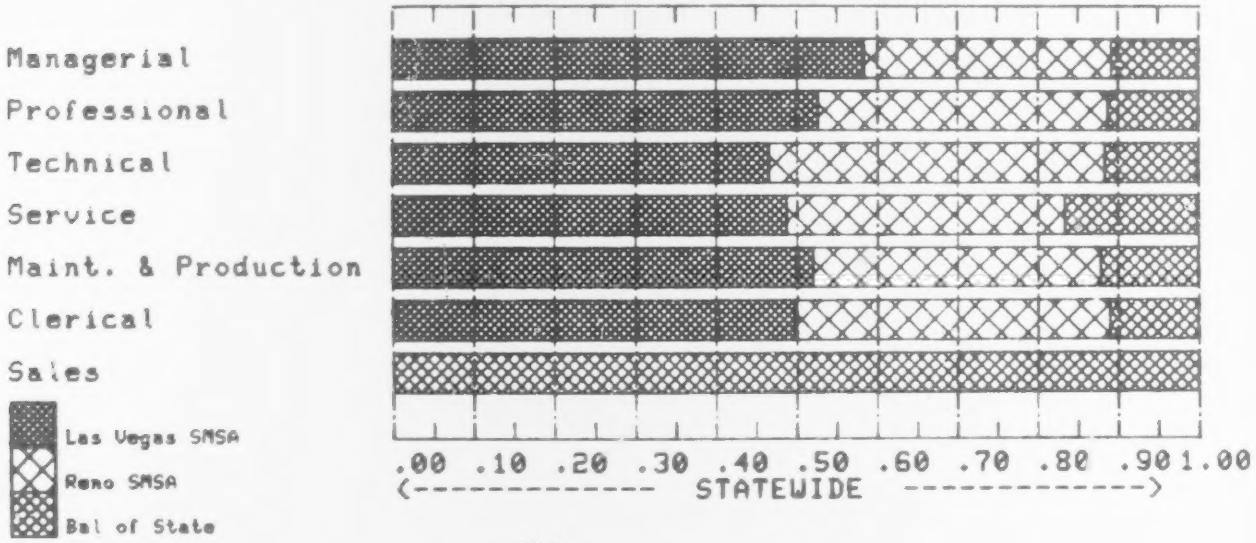
Selected data on the health services industry is presented on the next several pages.

State of Nevada

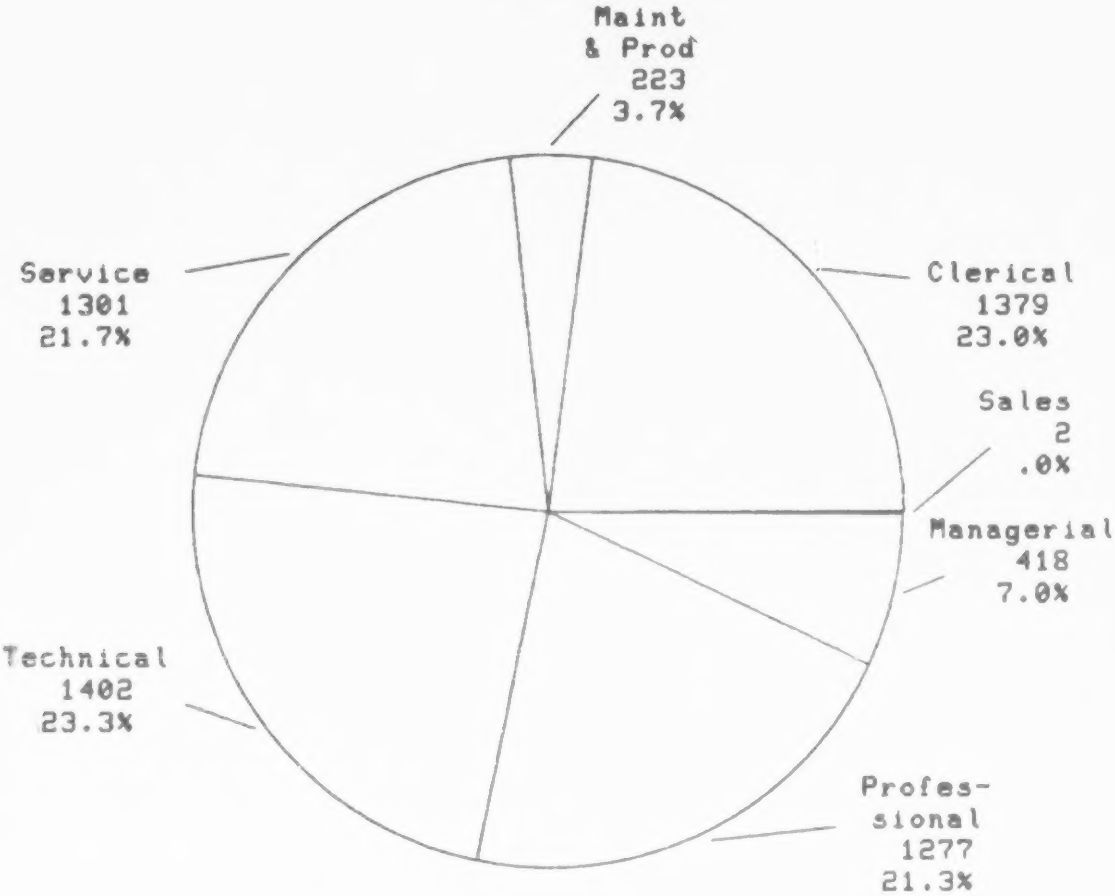
SIC 80 and Total Service Employment

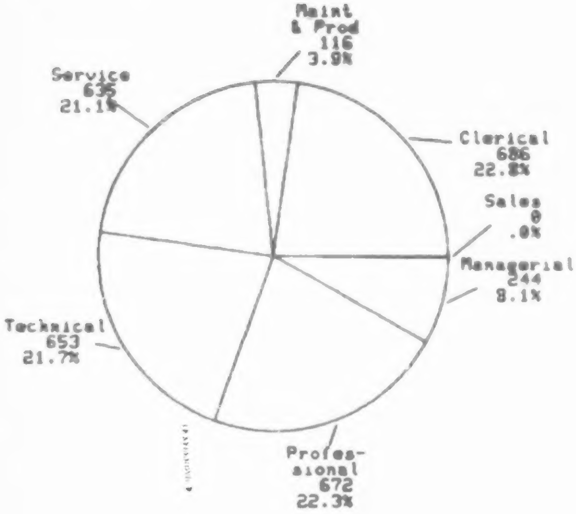


SIC 80 - Employment Distribution
Occupations By Area As Percent Of State Total

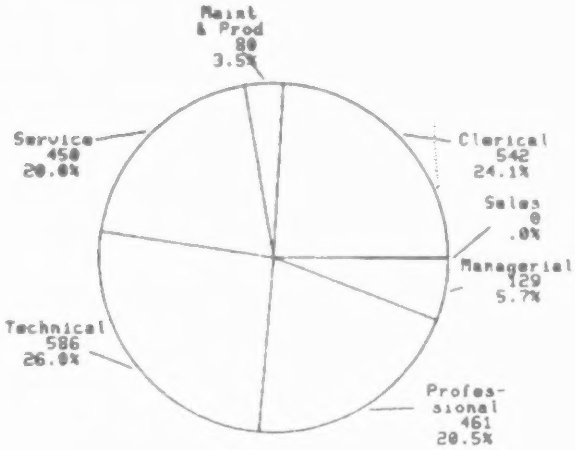


SIC 80 - Employment Distribution
Statewide





Las Vegas SMSA



Reno SMSA

TABLE 47

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	6,000	NA	100.0
MANAGERS AND OFFICERS	420	4	7.0
PROFESSIONAL OCCUPATIONS	1,280	NA	21.3
ACCOUNTANTS/AUDITORS	20	17	0.3
CASEWORKERS	20	9	0.3
DENTISTS	170	6	2.9
DIETITIANS/NUTRITIONISTS	20	8	0.3
PROFESSIONAL NURSES	360	5	6.0
OPTOMETRISTS	40	29	0.7
PHYSICAL THERAPISTS	40	24	0.7
PHYSICIANS/SURGEONS	480	6	8.1
RECREATION THERAPISTS	10	7	0.2
SPEECH PATHOLOGISTS/AUDIOLOGISTS	10	23	0.2
ALL OTHER PROFESSIONAL OCCUPATIONS	90	NA	1.6
TECHNICAL OCCUPATIONS	1,400	NA	23.4
DENTAL ASSISTANTS	460	3	7.8
LICENSED PRACTICAL NURSES	200	5	3.4
PHYSICIAN'S ASSISTANTS	40	22	0.7
RADIOLOGICAL TECHNICIANS	120	23	1.9
DENTAL HYGIENISTS	170	6	2.8
MEDICAL LAB TECHNICIANS	120	8	2.0
MEDICAL LAB ASSISTANTS	130	10	2.1
PHYSICAL THERAPY ASSISTANTS	60	33	1.1
MEDICAL/TECHNICIANS, N.E.C.	20	34	0.4
ALL OTHER TECHNICAL OCCUPATIONS	80	NA	1.3
SERVICE OCCUPATIONS	1,300	NA	21.7
ROOM CLEANERS (MAIDS)	80	8	1.3
CLEANERS, N.E.C.	80	11	1.3
KITCHEN HELPERS	130	6	2.2
INSTITUTION COOKS	60	4	1.0
HOUSEKEEPERS	30	10	0.5
NURSE AIDES/ORDERLIES	640	2	10.7
SOCIAL SERVICE AIDES	20	18	0.3
MEDICAL ASSISTANTS	240	8	4.1
ALL OTHER SERVICE OCCUPATIONS	30	NA	0.5
MAINTENANCE AND PRODUCTION OCCUPATIONS	220	NA	3.7
MACHINE WASHERS/STARCHERS	20	14	0.4
MACHINE LAUNDRY PRESSERS	20	22	0.3
DELIVERY/ROUTE WORKERS	10	23	0.2
MAINTENANCE REPAIRERS	30	10	0.5
DENTAL LAB TECHNICIANS	100	17	1.6

TABLE 47 (CONT.)

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
DISPENSING OPTICIANS/OPTIC MECHANICS	30	29	0.5
GARDENERS/GROUNDSKEEPERS	20	15	0.3
CLERICAL OCCUPATIONS	1,380	NA	23.0
BOOKKEEPING/BILLING MACHINE OPERATORS	40	16	0.6
ACCOUNTING CLERKS	40	36	0.6
HAND BOOKKEEPERS	90	9	1.6
CASHIERS	20	23	0.3
FILE CLERKS	60	15	1.0
GENERAL OFFICE CLERKS	150	11	2.5
MEDICAL INSURANCE CLERKS	150	7	2.6
RECEPTIONISTS	470	4	7.8
SECRETARIES	240	6	4.0
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	16	0.3
TYPISTS	60	16	0.9
OFFICE CLERICAL SUPERVISORS	30	21	0.4
ALL OTHER CLERICAL OCCUPATIONS	30	NA	0.5

TABLE 48

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	3,010	NA	100.0
MANAGERS AND OFFICERS	240	5	8.1
PROFESSIONAL OCCUPATIONS	670	NA	22.4
ACCOUNTANTS/AUDITORS	10	13	0.4
CASEWORKERS	10	8	0.4
DENTISTS	90	7	3.0
DIETITIANS/NUTRITIONISTS	10	11	0.3
PROFESSIONAL NURSES	210	6	7.0
OPTOMETRISTS	20	27	0.6
PHYSICAL THERAPISTS	20	28	0.7
PHYSICIANS/SURGEONS	220	7	7.3
ALL OTHER PROFESSIONAL OCCUPATIONS	80	NA	2.8
TECHNICAL OCCUPATIONS	650	NA	21.7
DENTAL ASSISTANTS	210	2	7.0
LICENSED PRACTICAL NURSES	90	5	3.1
PHYSICIAN'S ASSISTANTS	20	25	0.7
DENTAL HYGIENISTS	90	5	2.9
MEDICAL LAB TECHNOLOGISTS	30	15	1.1
MEDICAL LAB ASSISTANTS	80	14	2.6
MEDICAL/DENTAL TECHNICIANS, N.E.C.	10	31	0.4
ALL OTHER TECHNICAL OCCUPATIONS	120	NA	3.9
SERVICE OCCUPATIONS	640	NA	21.1
ROOM CLEANERS (MAIDS)	40	5	1.2
CLEANERS, N.E.C.	30	10	1.1
KITCHEN HELPERS	50	1	1.6
INSTITUTION COOKS	30	2	1.0
HOUSEKEEPERS	10	2	0.4
NURSE AIDES/ORDERLIES	290	2	9.8
MEDICAL ASSISTANTS	170	9	5.5
ALL OTHER SERVICE OCCUPATIONS	20	NA	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	120	NA	3.9
DENTAL LAB TECHNICIANS	60	26	1.9
DISPENSING OPTICIANS	20	30	0.6
GARDENERS/GROUNDSKEEPERS	10	16	0.3
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	30	NA	1.0

TABLE 48(CONT.)

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
CLERICAL OCCUPATIONS	690	NA	22.8
HAND BOOKKEEPERS	50	10	1.5
CASHIERS	10	27	0.4
FILE CLERKS	30	20	1.0
GENERAL OFFICE CLERKS	70	13	2.3
MEDICAL INSURANCE CLERKS	90	8	2.9
RECEPTIONISTS	250	4	8.3
SECRETARIES	130	7	4.4
TYPISTS	20	29	0.6
ALL OTHER CLERICAL OCCUPATIONS	40	NA	1.5

TABLE 49

RENO SMSA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,250	NA	100.0
MANAGERS AND OFFICERS	130	8	5.8
PROFESSIONAL OCCUPATIONS	460	NA	20.5
DENTISTS	60	12	2.9
PROFESSIONAL NURSES	100	10	4.5
PHYSICAL THERAPISTS	20	39	1.0
PHYSICIANS/SURGEONS	210	10	9.4
ALL OTHER PROFESSIONAL OCCUPATIONS	70	NA	2.9
TECHNICAL OCCUPATIONS	590	NA	26.1
DENTAL ASSISTANTS	180	7	8.2
LICENSED PRACTICAL NURSES	60	12	2.7
RADIOLOGIC TECHNICIANS	50	24	2.3
DENTAL HYGIENISTS	60	14	2.9
MEDICAL LAB TECHNOLOGISTS	80	10	3.7
MEDICAL LAB ASSISTANTS	40	14	1.9
ALL OTHER TECHNICAL OCCUPATIONS	100	NA	4.5
SERVICE OCCUPATIONS	450	NA	20.0
ROOM CLEANERS (MAIDS)	30	14	1.5
CLEANERS, N.E.C.	30	25	1.3
KITCHEN HELPERS	60	14	2.5
INSTITUTION COOKS	20	5	0.9
NURSE AIDES/ORDERLIES	230	5	10.3
MEDICAL ASSISTANTS	50	19	2.4
ALL OTHER SERVICE OCCUPATIONS	30	NA	1.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	80	NA	3.6
MACHINE WASHERS/STARCHERS	10	18	0.4
MAINTENANCE REPAIRERS	10	17	0.6
DENTAL LAB TECHNICIANS	30	22	1.5
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	20	NA	1.0
CLERICAL OCCUPATIONS	540	NA	24.1
BOOKKEEPING/BILLING MACHINE OCCUPATIONS	20	29	0.9
HAND BOOKKEEPERS	40	18	1.7
FILE CLERKS	20	27	0.9
GENERAL OFFICE CLERKS	70	20	3.0
MEDICAL INSURANCE CLERKS	60	14	2.6
RECEPTIONISTS	170	10	7.4

TABLE 49(CONT.)

RENO SMSA; MAY 1978
EMPLOYMENT IN SELECTED HEALTH SERVICES
(SIC 80, EXCEPT SIC 806)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
SECRETARIES	80	12	3.8
TYPISTS	30	19	1.5
OFFICE CLERICAL SUPERVISORS	10	36	0.5
ALL OTHER CLERICAL OCCUPATIONS	50	NA	2.1

SIC 81 - LEGAL SERVICES

SIC 81 includes firms engaged in offering legal advice or legal services, the heads of which are members of the bar.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 81)

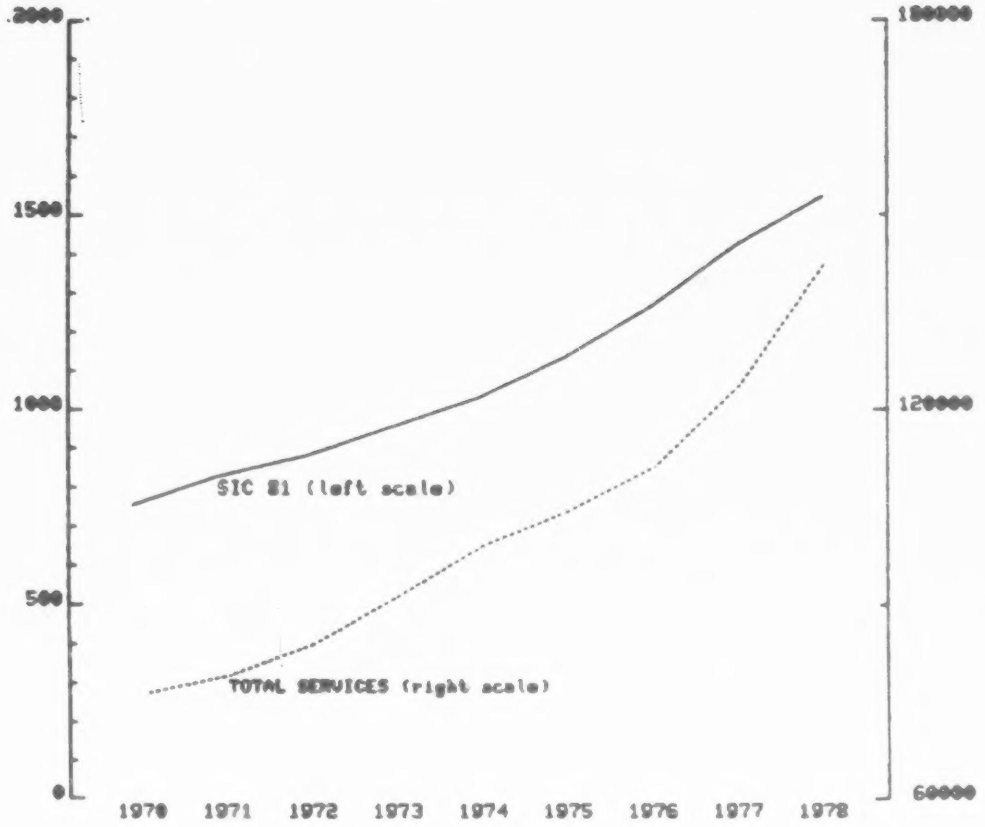
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	753	-	303	-	381	-
1971	828	10.0%	332	9.6%	413	8.4%
1972	880	6.3%	339	2.1%	456	10.4%
1973	954	8.4%	368	8.6%	493	8.1%
1974	1,029	7.9%	411	11.7%	522	5.9%
1975	1,132	10.0%	440	7.1%	580	11.1%
1976	1,262	11.5%	476	8.2%	653	12.6%
1977	1,423	12.8%	525	10.3%	740	13.3%
1978	1,548	8.8%	555	5.7%	823	11.2%

The seventies have been a period of sustained growth for the legal services industry. Employment has increased substantially in all areas with the Balance-of-State having the highest growth rate. Employment in each area is fairly well representative of that area's population share, although Reno has more relative employment than expected and Las Vegas and the rural counties have slightly less. The legal services group is comprised entirely of one detailed industry (SIC 8111) of the same name.

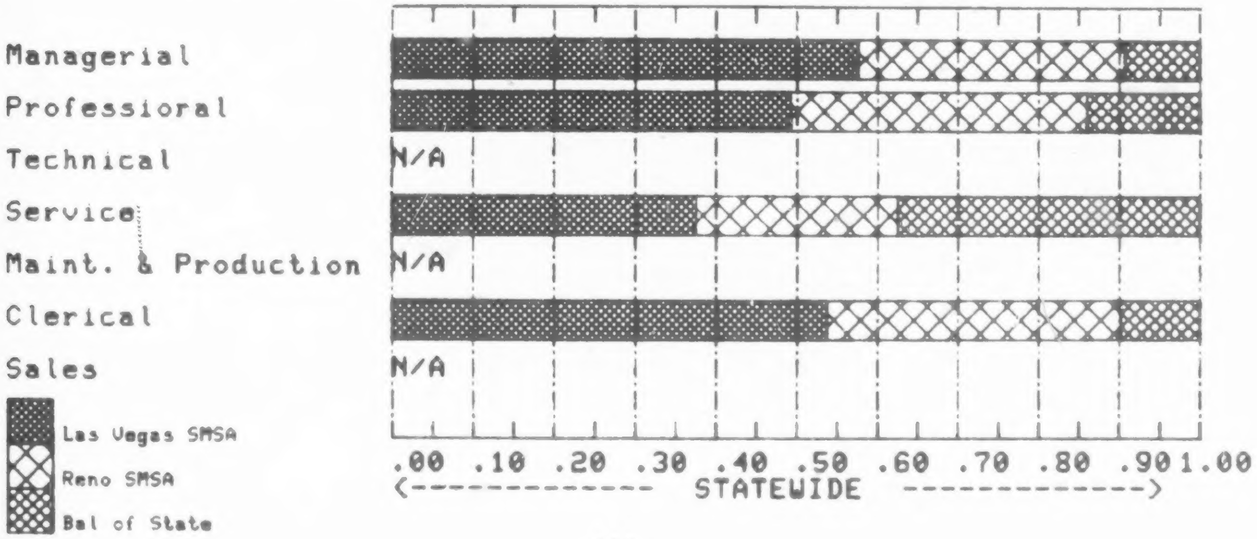
Employment patterns of SIC 81 are presented on the following pages.

State of Nevada

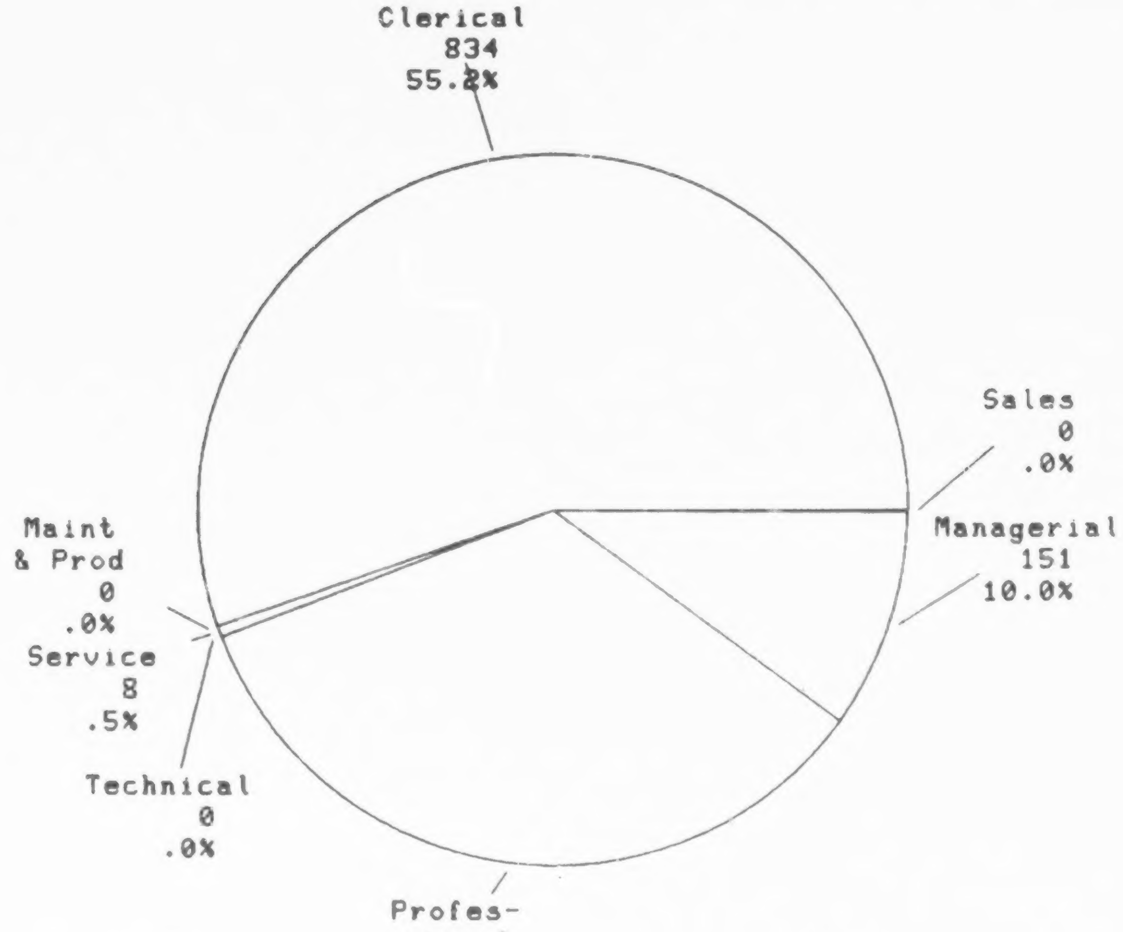
SIC 81 and Total Service Employment

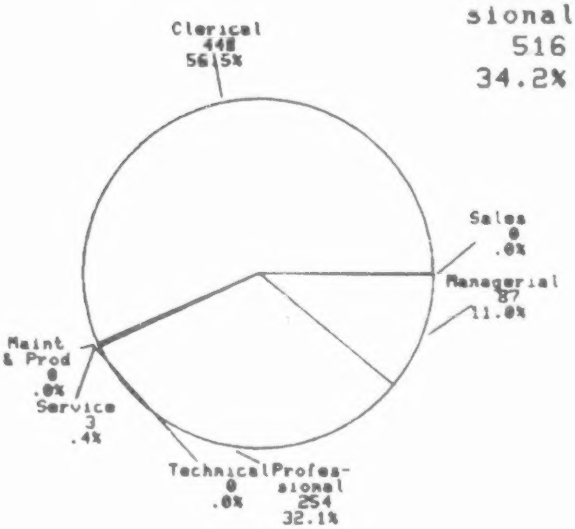


SIC 81 - Employment Distribution
Occupations By Area As Percent Of State Total

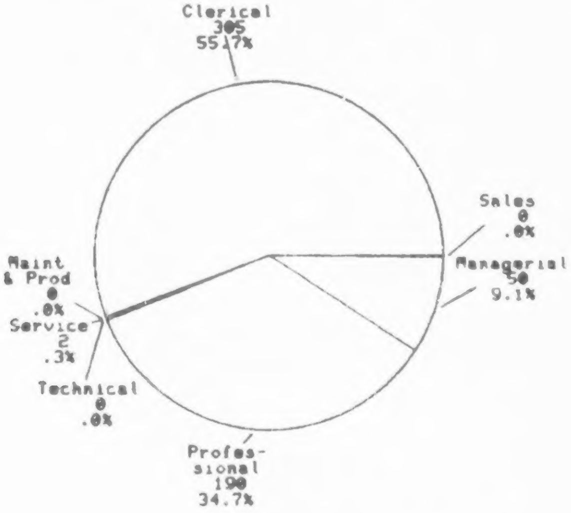


SIC 81 - Employment Distribution Statewide





Las Vegas SMSA



Reno SMSA

TABLE 50

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN LEGAL SERVICES
(SIC 81)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,510	NA	100.0
MANAGERS AND OFFICERS	150	7	10.0
PROFESSIONAL OCCUPATIONS	520	NA	34.2
LAW CLERKS	60	9	4.0
LAWYERS	400	3	26.5
PARALEGALS	40	15	2.9
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.7
SERVICE OCCUPATIONS	10	NA	0.5
CLERICAL OCCUPATIONS	830	NA	55.3
BOOKKEEPING/BILLING MACHINE OPERATORS	10	22	0.8
ACCOUNTING CLERKS	10	21	0.8
HAND BOOKKEEPERS	50	10	3.1
FILE CLERKS	10	23	0.9
GENERAL OFFICE CLERKS	20	21	1.1
RECEPTIONISTS	50	10	3.0
SECRETARIES	540	2	36.0
SWITCHBOARD OPERATORS-RECEPTIONISTS	30	12	1.8
MESSENGERS	100	5	6.7
TYPISTS	10	23	0.9

TABLE 51

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN LEGAL SERVICES
(SIC 81)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	790	NA	100.0
MANAGERS AND OFFICERS	90	8	11.0
PROFESSIONAL OCCUPATIONS	250	NA	32.1
LAW CLERKS	40	9	5.4
LAWYERS	190	4	23.7
PARALEGALS	20	19	2.1
ALL OTHER PROFESSIONAL OCCUPATIONS	10	NA	0.8
CLERICAL OCCUPATIONS	450	NA	56.6
HAND BOOKKEEPERS	30	10	3.1
GENERAL OFFICE CLERKS	10	19	1.3
RECEPTIONISTS	30	10	3.8
SECRETARIES	260	2	32.5
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	13	2.4
MESSENGERS	90	5	10.7
ALL OTHER CLERICAL OCCUPATIONS	20	NA	2.7

SIC 83 - SOCIAL SERVICES

This major group includes establishments providing social and rehabilitation services to those persons with social or personal problems and to the handicapped and the disadvantaged. Also included are organizations soliciting funds to be used for these and related services.

Wage and Salary Employment 1975 to 1978
In Nevada and the SMSA's
(SIC 83)

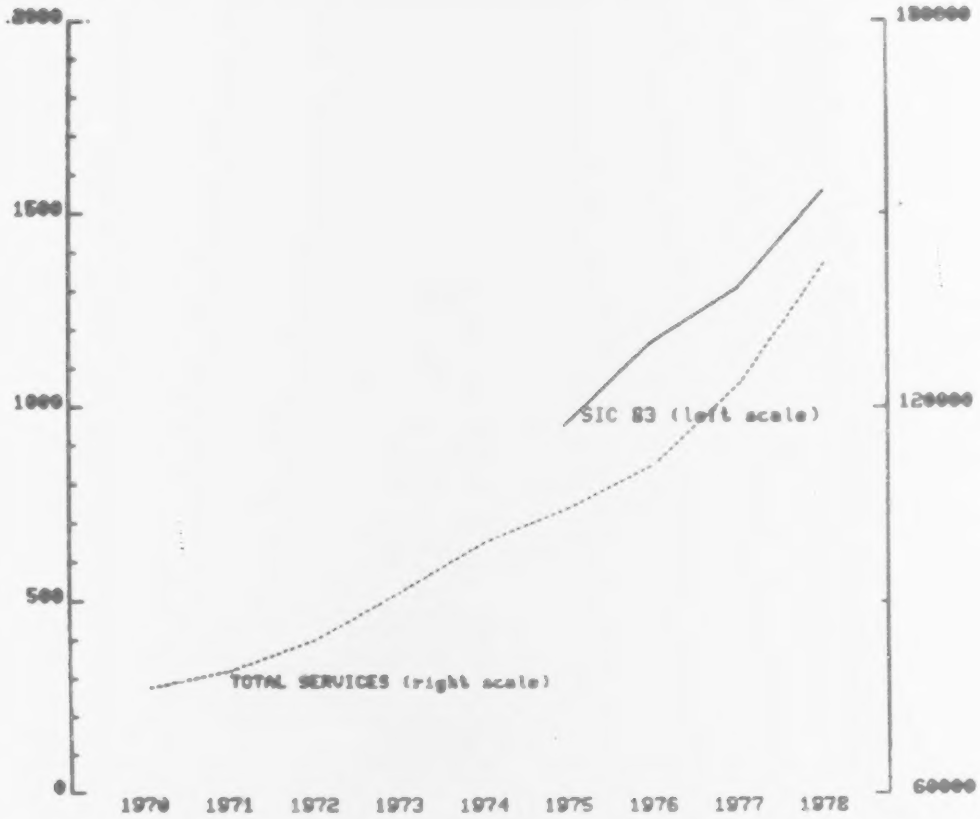
	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1975	952	-	473	-	309	-
1976	1,165	22.4%	398	-15.9%	574	85.8%
1977	1,307	12.2%	438	10.1%	621	8.2%
1978	1,558	19.2%	484	10.5%	810	30.4%

SIC 83, which was pieced together from parts of a number of industries under the old coding system, has rapidly expanded employment in the past few years. Typically, about 50 percent of the jobs are in the Las Vegas area, and another 30 percent are in Reno. Individual and family social services (SIC 8321), child day care service (SIC 8351), and social services not elsewhere classified (SIC 8399) are the three most significant detailed industries in the group.

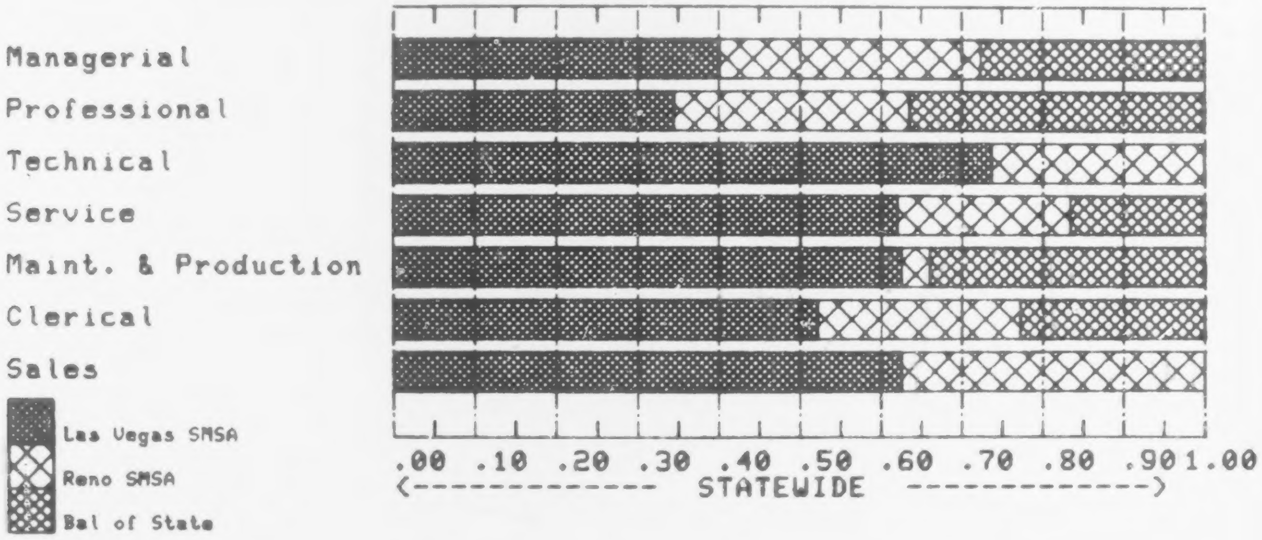
The following pages contain graphical and tabular data related to SIC 83.

State of Nevada

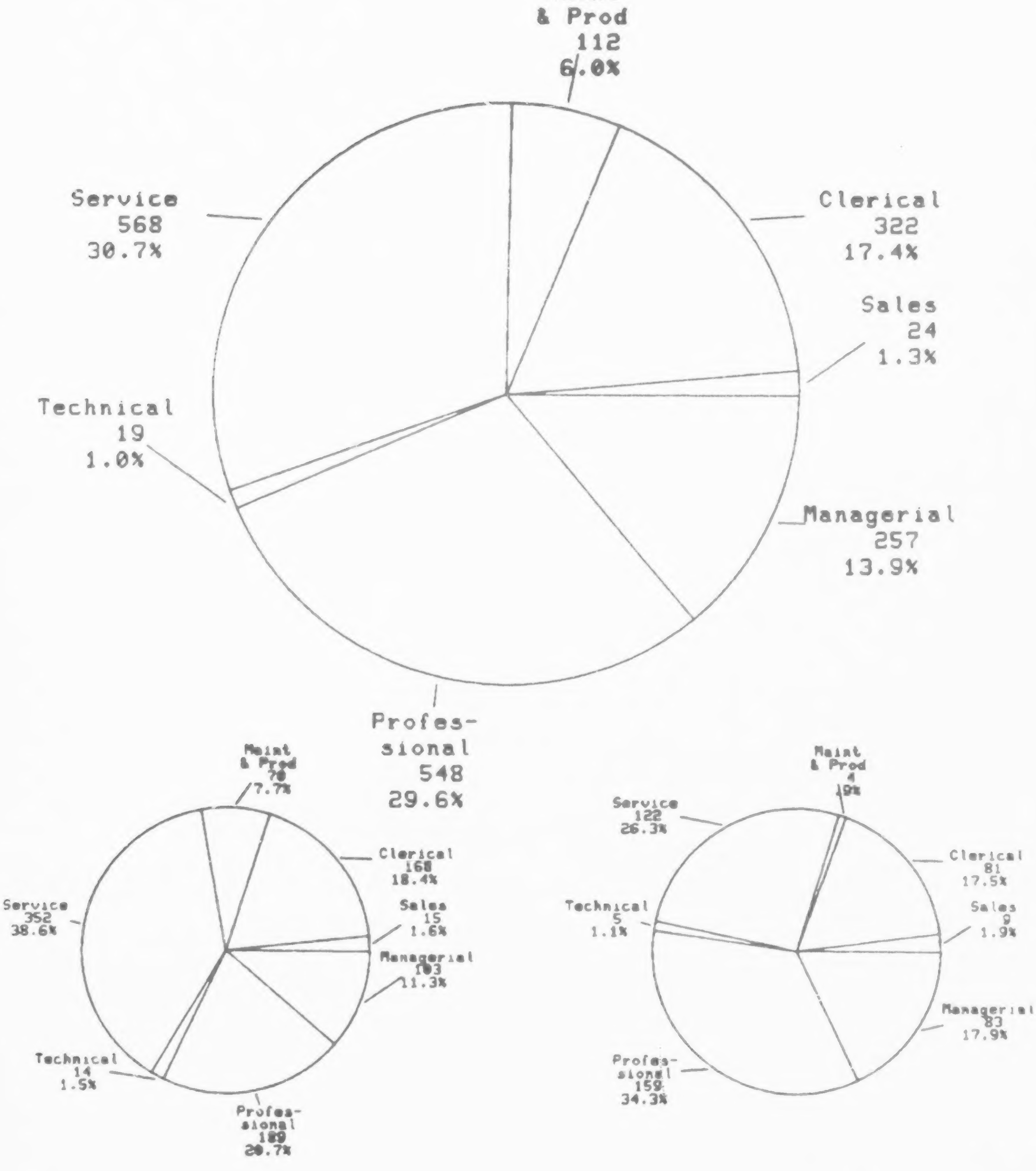
SIC 83 and Total Service Employment



SIC 83 - Employment Distribution
Occupations By Area As Percent Of State Total



SIC 83 - Employment Distribution Statewide



Las Vegas SMSA

Reno SMSA

TABLE 52

STATE OF NEVADA; MAY 1978
EMPLOYMENT IN SOCIAL SERVICES
(SIC 83)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,850	NA	100.0
MANAGERS AND OFFICERS	260	5	13.9
PROFESSIONAL OCCUPATIONS	550	NA	29.7
PRESCHOOL/KINDERGARTEN TEACHERS	130	12	6.8
VOCATIONAL EDUCATION TEACHERS	20	28	1.0
ACCOUNTANTS/AUDITORS	10	31	0.5
CASEWORKERS	90	12	4.6
PERSONNEL/LABOR RELATIONS SPECIALISTS	40	24	2.1
COMMUNITY ORGANIZATION WORKERS	80	16	4.5
ALL OTHER PROFESSIONAL OCCUPATIONS	190	NA	10.0
TECHNICAL OCCUPATIONS	20	NA	1.0
SERVICE OCCUPATIONS	570	NA	30.7
ROOM CLEANERS (MAIDS)	10	14	0.6
CLEANERS, N.E.C.	20	20	1.1
KITCHEN HELPERS	20	17	0.9
INSTITUTION COOKS	50	15	2.7
CHILD CARE ATTENDANTS	50	8	2.6
NONWORKING SERVICE SUPERVISORS	20	27	1.2
NURSE AIDES/ORDERLIES	40	10	1.9
CHILD CARE WORKERS	260	9	14.1
SOCIAL SERVICE AIDES	30	36	1.7
ALL OTHER SERVICE OCCUPATIONS	70	NA	3.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	110	NA	6.1
NONWORKING SUPERVISORS	10	31	0.6
MAINTENANCE REPAIRERS	50	19	2.9
SCHOOL BUS DRIVERS	10	35	0.5
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	40	NA	2.0
CLERICAL OCCUPATIONS	320	NA	17.4
BOOKKEEPING/BILLING MACHINE OPERATORS	20	22	1.0
HAND BOOKKEEPERS	20	19	1.3
GENERAL OFFICE CLERKS	50	10	2.6
RECEPTIONISTS	10	13	0.6
SECRETARIES	70	10	3.9
TYPISTS	30	17	1.8
TEACHER AIDES/EDUCATIONAL ASSISTANTS	50	24	2.8
ALL OTHER CLERICAL OCCUPATIONS	60	NA	3.3
SALES OCCUPATIONS	20	NA	1.3

TABLE 53

LAS VEGAS SMSA; MAY 1978
EMPLOYMENT IN SOCIAL SERVICES
(SIC 83)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	910	NA	100.0
MANAGERS AND OFFICERS	100	5	11.3
PROFESSIONAL OCCUPATIONS	190	NA	20.7
PRESCHOOL/KINDERGARTEN TEACHERS	40	27	4.2
CASEWORKERS	60	13	6.4
ALL OTHER PROFESSIONAL OCCUPATIONS	90	NA	10.0
TECHNICAL OCCUPATIONS	10	NA	1.5
SERVICE OCCUPATIONS	350	NA	38.6
CLEANERS, N.E.C.	10	15	1.3
KITCHEN HELPERS	20	18	1.6
INSTITUTION COOKS	10	15	1.5
CHILD CARE ATTENDANTS	50	8	5.3
NONWORKING SUPERVISORS	20	9	1.6
CHILD CARE WORKERS	180	10	19.4
SOCIAL SERVICE AIDES	20	12	1.7
ALL OTHER SERVICE OCCUPATIONS	50	NA	5.8
MAINTENANCE AND PRODUCTION OCCUPATIONS	70	NA	7.7
MAINTENANCE REPAIRERS	30	6	3.2
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	40	NA	4.5
CLERICAL OCCUPATIONS	170	NA	18.4
HAND BOOKKEEPERS	10	12	1.2
GENERAL OFFICE CLERKS	30	6	3.4
RECEPTIONISTS	10	14	1.2
SECRETARIES	40	5	3.8
TYPISTS	20	8	2.5
ALL OTHER CLERICAL OCCUPATIONS	60	NA	6.3
SALES OCCUPATIONS	20	NA	1.6

TABLE 54

RENO SMSA; MAY 1978
EMPLOYMENT IN SOCIAL SERVICES
(SIC 83)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	460	NA	100.0
MANAGERS AND OFFICERS	80	10	17.9
PROFESSIONAL OCCUPATIONS	160	NA	34.3
PRESCHOOL/KINDERGARTEN TEACHERS	50	13	10.8
CASEWORKERS	30	28	5.6
PERSONNEL/LABOR RELATIONS SPECIALISTS	10	23	2.6
COMMUNITY ORGANIZATION WORKERS	10	28	3.0
ALL OTHER PROFESSIONAL OCCUPATIONS	60	NA	12.3
TECHNICAL OCCUPATIONS	10	NA	1.1
SERVICE OCCUPATIONS	120	NA	26.3
INSTITUTION COOKS	10	19	2.8
NURSE AIDES/ORDERLIES	20	7	4.5
CHILD CARE WORKERS	70	15	14.9
ALL OTHER SERVICE OCCUPATIONS	20	NA	4.1
CLERICAL OCCUPATIONS	80	NA	17.5
HAND BOOKKEEPERS	10	33	2.8
GENERAL OFFICE CLERKS	10	18	2.2
SECRETARIES	20	12	3.9
TEACHER AIDES/EDUCATIONAL ASSISTANTS	20	22	4.3
ALL OTHER CLERICAL OCCUPATIONS	20	NA	4.3
SALES OCCUPATIONS	10	NA	1.9

SIC 86 - MEMBERSHIP ORGANIZATIONS

Included in SIC 86 are organizations operating on a membership basis for the promotion of the interests of the members.

Wage and Salary Employment 1972 to 1978
In Nevada and the SMSA's
(SIC 86)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1972	1,057	-	378	-	608	-
1973	1,463	38.4%	474	25.4%	777	27.8%
1974	1,742	19.1%	632	33.3%	879	13.1%
1975*	1,426	*	552	*	736	*
1976	1,438	0.8%	563	2.0%	692	-6.0%
1977	1,489	3.5%	571	1.4%	780	12.7%
1978	1,640	10.1%	591	3.5%	925	18.6%

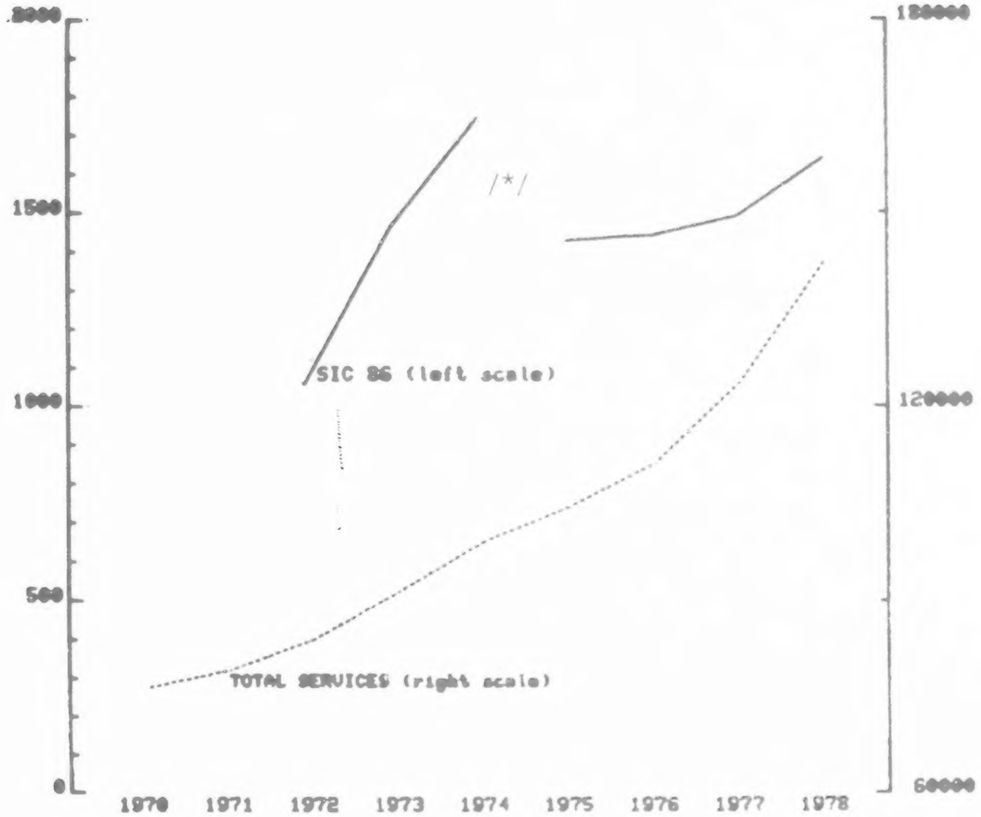
* Break in series - approximately 550 jobs lost Statewide due to recoding in first quarter, 1975.

Despite losing many firms in the coding conversion, SIC 86 employment has shown a net gain since 1972. Employment tends to fluctuate because the division includes political organizations (SIC 8651) which blossom during major political campaigns. Currently, labor unions and similar labor organizations (SIC 8631) are the single biggest employers within the group. Ninety percent of the jobs are located in the Las Vegas and Reno areas.

Employment profiles of SIC 86 are included on the upcoming pages.

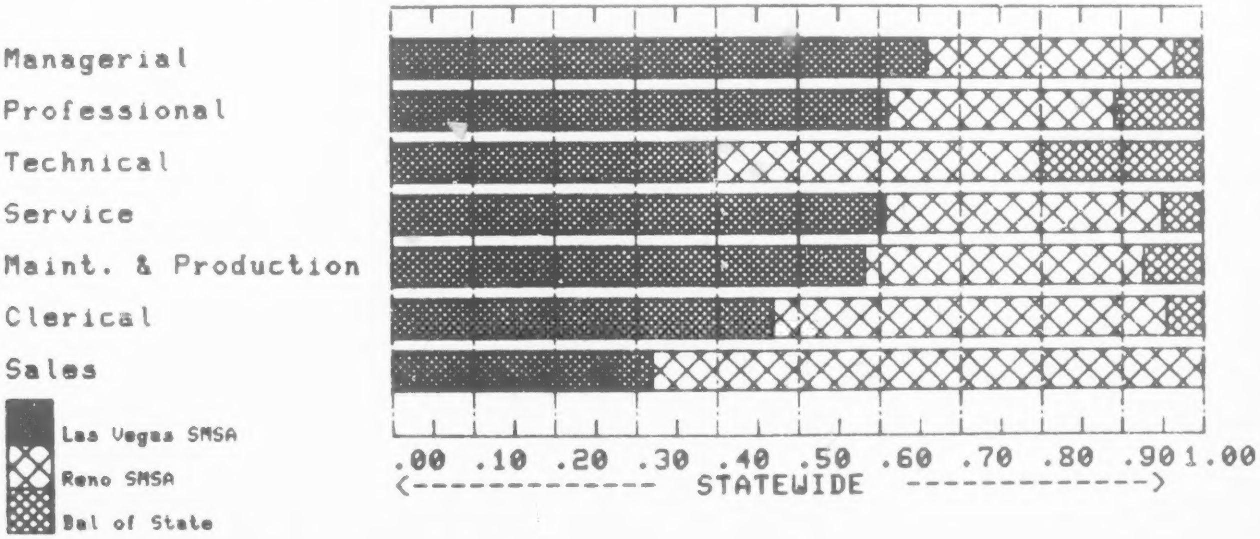
State of Nevada

SIC 86 and Total Service Employment

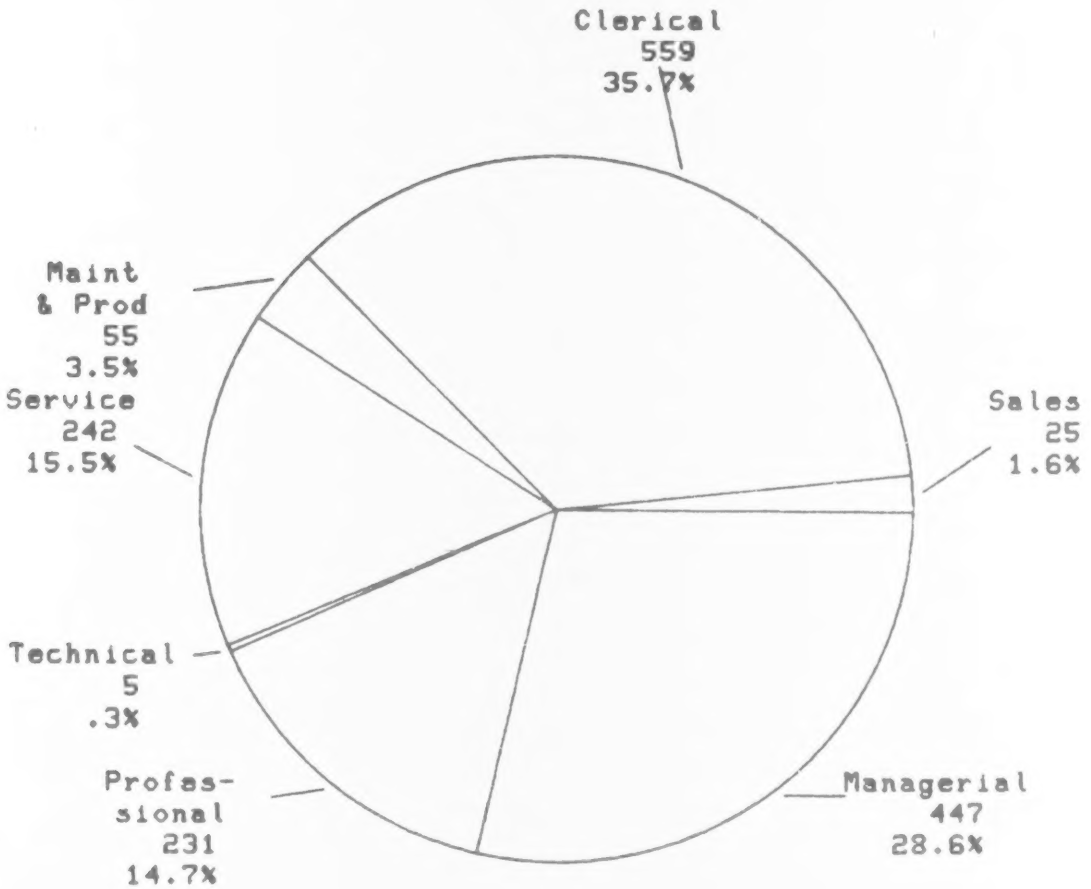


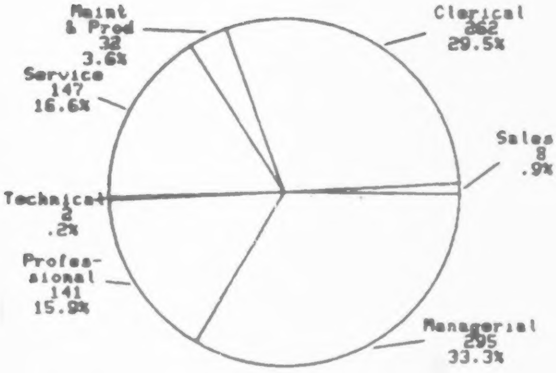
/*/ Break in series.

SIC 86 - Employment Distribution
Occupations By Area As Percent Of State Total

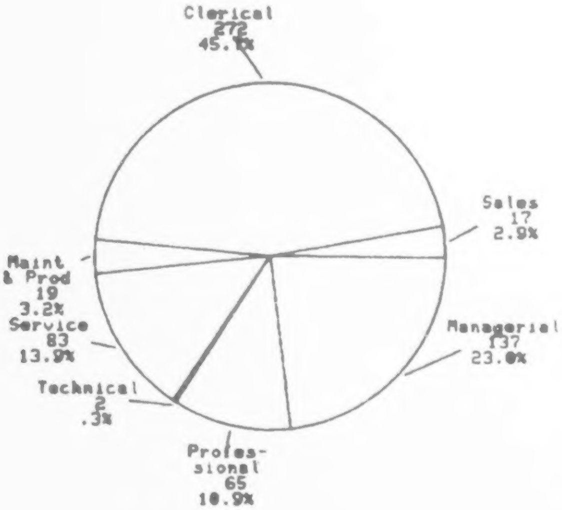


SIC 86 - Employment Distribution Statewide





Las Vegas SMSA



Reno SMSA

TABLE 55

STATE OF NEVADA; APRIL 1978
EMPLOYMENT IN MEMBERSHIP ORGANIZATIONS
(SIC 86)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	1,560	NA	100.0
MANAGERS AND OFFICERS	450	4	28.6
PROFESSIONAL OCCUPATIONS	230	NA	14.8
PERSONNEL/LABOR RELATIONS SPECIALISTS	60	23	3.5
GROUP RECREATION WORKERS	50	10	3.0
ALL OTHER PROFESSIONAL OCCUPATIONS	130	NA	8.3
TECHNICAL OCCUPATIONS	10	NA	0.3
SERVICE OCCUPATIONS	240	NA	15.5
CLEANERS, N.E.C.	50	13	2.9
GUARDS AND DOORKEEPERS	30	26	2.2
BARTENDERS	30	11	2.0
KITCHEN HELPERS	10	24	0.7
WAITERS/WAITRESSES	20	19	1.3
RECREATION FACILITY ATTENDANTS	20	20	1.0
CHILD CARE WORKERS	10	17	0.8
ALL OTHER SERVICE OCCUPATIONS	70	NA	4.7
MAINTENANCE AND PRODUCTION OCCUPATIONS	60	NA	3.5
MAINTENANCE REPAIRERS	50	28	3.1
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	10	NA	0.4
CLERICAL OCCUPATIONS	560	NA	35.7
ACCOUNTING CLERKS	20	17	1.1
HAND BOOKKEEPERS	50	14	3.2
GENERAL OFFICE CLERKS	130	17	8.4
RECEPTIONISTS	20	16	1.3
SECRETARIES	140	7	8.9
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	13	1.3
TYPISTS	30	21	1.6
VEHICLE DISPATCHERS	40	27	2.7
ALL OTHER CLERICAL OCCUPATIONS	110	NA	7.2
SALES OCCUPATIONS	30	NA	1.6
SALES AGENTS, N.E.C.	30	31	1.6

TABLE 56

LAS VEGAS SMSA; APRIL 1978
EMPLOYMENT IN MEMBERSHIP ORGANIZATIONS
(SIC 86)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	890	NA	100.0
MANAGERS AND OFFICERS	300	5	33.3
PROFESSIONAL OCCUPATIONS	140	NA	15.9
PERSONNEL/LABOR RELATIONS SPECIALISTS	30	34	3.8
GROUP RECREATION WORKERS	30	8	3.7
ALL OTHER PROFESSIONAL OCCUPATIONS	70	NA	8.3
SERVICE OCCUPATIONS	150	NA	16.6
CLEANERS, N.E.C.	30	17	3.5
GUARDS AND DOORKEEPERS	30	33	3.0
BARTENDERS	30	10	2.9
WAITERS/WAITRESSES	10	15	1.1
ALL OTHER SERVICE OCCUPATIONS	50	NA	6.0
MAINTENANCE AND PRODUCTION OCCUPATIONS	30	NA	3.6
MAINTENANCE REPAIRERS	30	27	3.1
CLERICAL OCCUPATIONS	260	NA	29.5
HAND BOOKKEEPERS	30	18	3.3
GENERAL OFFICER CLERKS	70	13	7.3
RECEPTIONISTS	10	21	1.5
SECRETARIES	70	11	8.2
VEHICLE DISPATCHERS	30	26	2.9
ALL OTHER CLERICAL OCCUPATIONS	60	NA	6.3
SALES OCCUPATIONS	10	NA	0.9

SIC 89 - MISCELLANEOUS SERVICES

This major group includes establishments engaged in performing services, not elsewhere classified, such as those rendered by engineers, architects, accountants artists, lecturers, and writers. Noncommercial establishments primarily engaged in educational, scientific, and research activities are also included.

Wage and Salary Employment 1970 to 1978
In Nevada and the SMSA's
(SIC 89)

	Nevada	Change from Prior Year	Reno	Change from Prior Year	Las Vegas	Change from Prior Year
1970	2,062	-	645	-	784	-
1971	2,340	13.5%	766	18.8%	1,004	28.1%
1972	2,606	11.4%	903	17.9%	976	-2.8%
1973	2,856	9.6%	844	-6.5%	1,438	47.3%
1974	2,832	-0.8%	711	-15.8%	1,638	13.9%
1975*	2,721	*	675	*	1,574	*
1976	2,905	6.8%	734	8.7%	1,645	4.5%
1977	3,383	16.5%	885	20.6%	1,860	13.1%
1978	3,814	12.7%	1,070	20.9%	2,096	12.7%

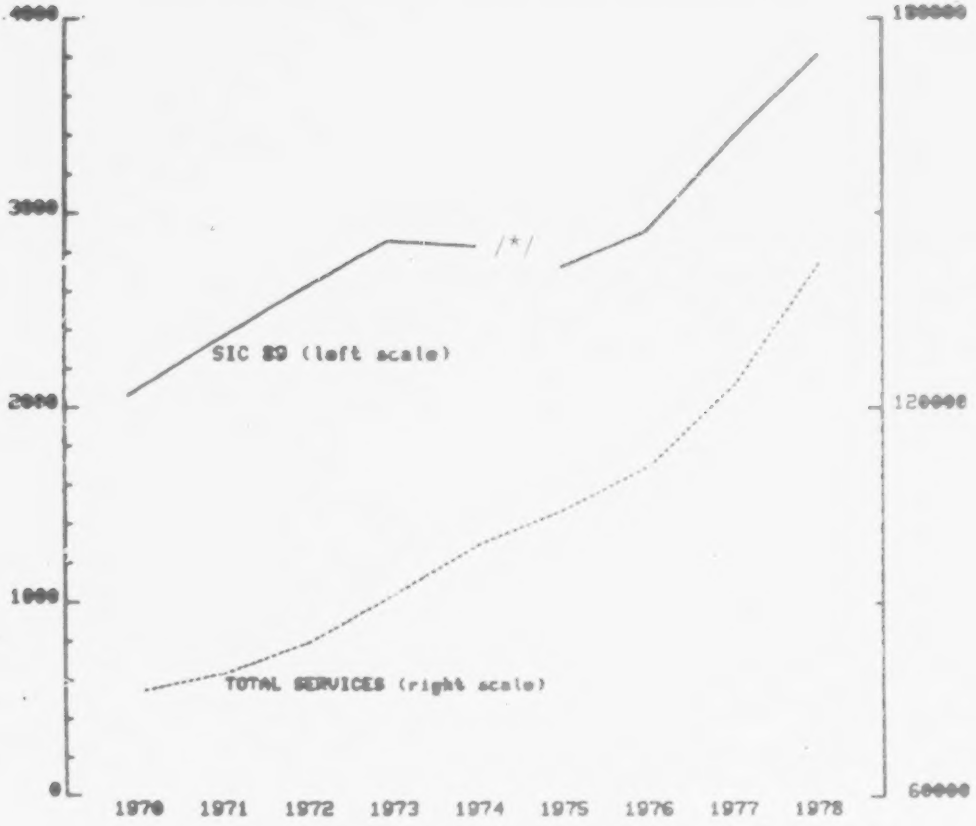
* Break in series - approximately 80 jobs lost Statewide due to recoding in first quarter, 1975.

With the exception of a lull during the 1974-75 economic slowdown, SIC 89 has registered steady employment gains in the seventies. Growth has been mostly due to population increases and at the same time to a greater individual demand for these types of services. The largest industry is engineering, architectural and surveying services (SIC 8911) which covers the majority of the major group's employment. Services related to the Nevada Test Site hold a major share of the jobs in Las Vegas and the Balance-of-State.

Graphical and tabular data about SIC 89 employment are included on the following pages.

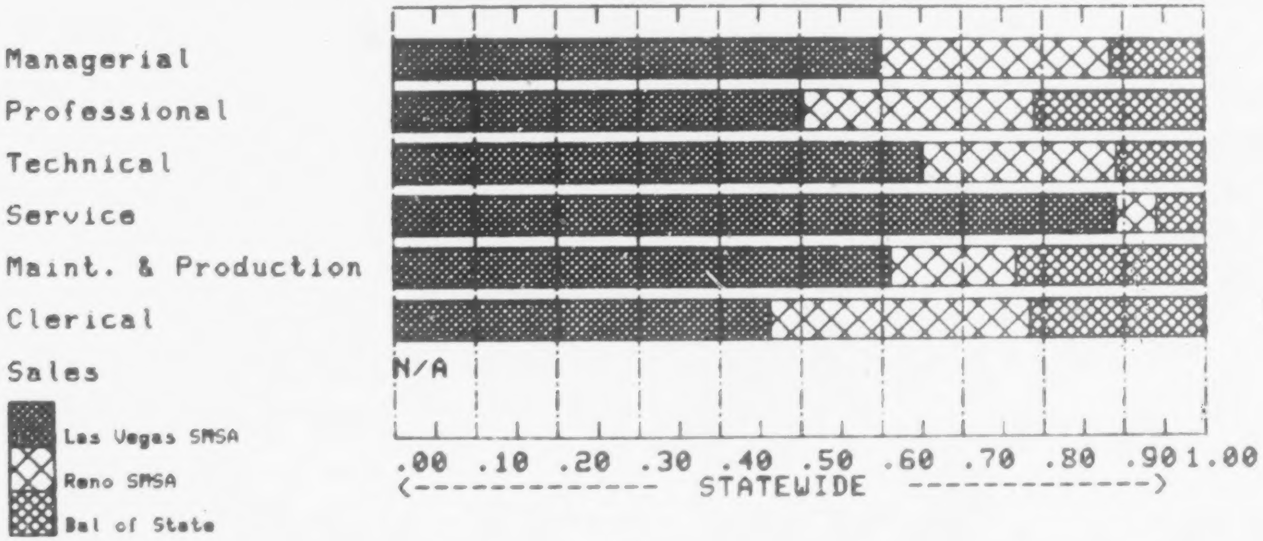
State of Nevada

SIC 89 and Total Service Employment

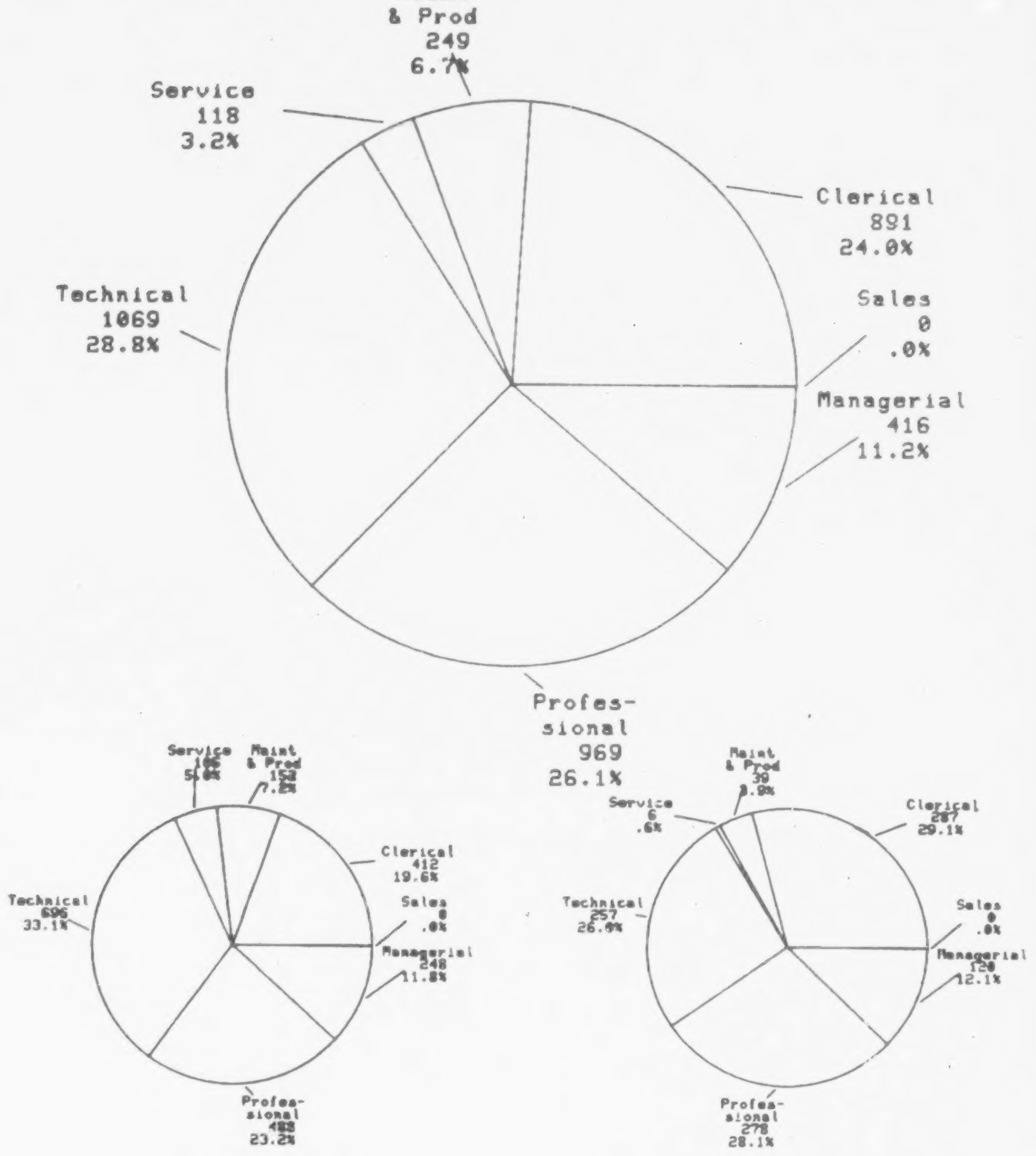


/*/ Break in series.

SIC 89 - Employment Distribution
Occupations By Area As Percent Of State Total



SIC 89 - Employment Distribution
Statewide



Las Vegas SMSA

Reno SMSA

TABLE

STATE OF NEVADA; JUNE 1978
EMPLOYMENT IN MISCELLANEOUS SERVICES
(SIC 89)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	3,710	NA	100.0
MANAGERS AND OFFICERS	420	6	11.2
PROFESSIONAL OCCUPATIONS	970	NA	26.1
CIVIL ENGINEERS	110	15	2.9
ELECTRICAL/ELECTRONIC ENGINEERS	120	31	3.1
MECHANICAL ENGINEERS	20	23	0.6
ACCOUNTANTS/AUDITORS	400	5	10.9
ARCHITECTS	40	17	1.1
TAX PREPARERS	40	18	1.0
ALL OTHER PROFESSIONAL OCCUPATIONS	240	NA	6.6
TECHNICAL OCCUPATIONS	1,070	NA	28.8
BUSINESS COMPUTER PROGRAMMERS	20	10	0.6
DRAFTERS	300	6	8.0
ELECTRICAL/ELECTRONIC TECHNICIANS	440	1	11.8
SURVEYORS	120	23	3.2
PHYSICAL SCIENCE TECHNICIANS	30	7	0.7
ALL OTHER TECHNICAL OCCUPATIONS	170	NA	4.5
SERVICE OCCUPATIONS	120	NA	3.2
JANITORS, PORTERS, CLEANERS	30	11	0.9
ALL OTHER SERVICE OCCUPATIONS	90	NA	2.3
MAINTENANCE AND PRODUCTION OCCUPATIONS	250	NA	6.7
MACHINISTS	20	35	0.5
MAINTENANCE REPAIRERS	10	18	0.4
SKILLED WORKERS, N.E.C.	10	40	0.3
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	210	NA	5.5
CLERICAL OCCUPATIONS	890	NA	24.0
COMPUTER OPERATORS	30	16	0.7
KEYPUNCH OPERATORS	20	12	0.5
STENOGRAPHERS	10	25	0.3
ACCOUNTING CLERKS	120	10	3.1
HAND BOOKKEEPERS	110	37	3.1
FILE CLERKS	10	22	0.3
GENERAL OFFICE CLERKS	140	6	3.8
RECEPTIONISTS	30	12	0.7
SECRETARIES	210	5	5.5
SWITCHBOARD OPERATORS-RECEPTIONISTS	20	14	0.4
TYPISTS	80	8	2.1
OFFICE CLERICAL SUPERVISORS	40	16	1.2
ALL OTHER CLERICAL OCCUPATIONS	90	NA	2.4

TABLE 58

LAS VEGAS SMSA; JUNE 1978
EMPLOYMENT IN MISCELLANEOUS SERVICES
(SIC 89)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	2,100	NA	100.0
MANAGERS AND OFFICERS	250	3	11.9
PROFESSIONAL OCCUPATIONS	490	NA	23.2
CIVIL ENGINEERS	30	21	1.2
ELECTRICAL/ELECTRONIC ENGINEERS	90	8	4.3
MECHANICAL ENGINEERS	20	23	0.8
ACCOUNTANTS/AUDITORS	210	7	9.9
ARCHITECTS	20	23	1.1
TAX PREPARERS	20	27	1.0
ALL OTHER PROFESSIONAL OCCUPATIONS	110	NA	5.0
TECHNICAL OCCUPATIONS	700	NA	33.1
DRAFTERS	130	7	6.0
ELECTRICAL/ELECTRONIC TECHNICIANS	440	1	20.9
SURVEYORS	20	9	1.1
CIVIL ENGINEERING TECHNICIANS	40	20	1.9
ALL OTHER TECHNICAL OCCUPATIONS	70	NA	3.3
SERVICE OCCUPATIONS	110	NA	5.0
JANITORS, PORTERS, CLEANERS	20	11	0.9
ALL OTHER SERVICE OCCUPATIONS	90	NA	4.1
MAINTENANCE AND PRODUCTION OCCUPATIONS	150	NA	7.2
MAINTENANCE REPAIRERS	10	18	0.7
SURVEYOR HELPERS	50	17	2.3
SKILLED WORKERS, N.E.C.	10	40	0.5
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	80	NA	3.8
CLERICAL OCCUPATIONS	410	NA	19.6
COMPUTER OPERATORS	10	22	0.6
ACCOUNTING CLERKS	30	24	1.3
HAND BOOKKEEPERS	50	15	2.5
GENERAL OFFICE CLERKS	60	7	2.7
SECRETARIES	110	5	5.2
SWITCHBOARD OPERATORS-RECEPTIONISTS	10	19	0.6
TYPISTS	40	12	2.0
ALL OTHER CLERICAL OCCUPATIONS	100	NA	4.9

TABLE 59

RENO SMSA; JUNE 1978
EMPLOYMENT IN MISCELLANEOUS SERVICES
(SIC 89)

Occupation	Estimated Employment	Relative Error (Percent)	Percent of Total Employment
ALL OCCUPATIONS	990	NA	100.0
MANAGERS AND OFFICERS	120	5	12.2
PROFESSIONAL OCCUPATIONS	280	NA	28.2
CIVIL ENGINEERS	70	17	7.1
ACCOUNTANTS/AUDITORS	160	5	16.0
ARCHITECTS	20	25	1.7
TAX PREPARERS	10	26	1.1
ALL OTHER PROFESSIONAL OCCUPATIONS	20	NA	2.2
TECHNICAL OCCUPATIONS	260	NA	26.0
BUSINESS COMPUTER PROGRAMMERS	20	13	1.5
DRAFTERS	120	10	12.2
SURVEYORS	70	11	6.7
CIVIL ENGINEERING TECHNICIANS	30	29	3.3
ALL OTHER TECHNICAL OCCUPATIONS	20	NA	2.2
SERVICE OCCUPATIONS	10	NA	0.6
MAINTENANCE AND PRODUCTION OCCUPATIONS	40	NA	4.0
SURVEYOR HELPERS	30	16	3.3
ALL OTHER MAINTENANCE AND PRODUCTION OCCUPATIONS	10	NA	0.6
CLERICAL OCCUPATIONS	290	NA	29.1
COMPUTER OPERATORS	10	20	1.0
KEYPUNCH OPERATORS	10	8	1.2
ACCOUNTING CLERKS	50	14	4.8
HAND BOOKKEEPERS	50	9	4.9
GENERAL OFFICE CLERKS	30	8	3.0
RECEPTIONISTS	20	13	1.7
SECRETARIES	70	7	7.4
TYPISTS	20	8	2.0
ALL OTHER CLERICAL OCCUPATIONS	30	NA	3.0

METHODOLOGY

The Survey

The occupational estimates were developed from a sample of nonmanufacturing employers covered under the Nevada Unemployment Compensation Law. The sampling universe consisted of more than 10,000 firms employing nearly 180,000 workers. From this a sample of 3,666 firms with benchmark employment of 142,823 was drawn. Useable responses were received from 2,944 establishments or 80.3 percent; and total employment indicated by the respondents was 118,947 or 83.3 percent of the benchmark. Table 60 details the universe size and response from each survey group.

Collection Procedures

Most of the survey data were collected through mailed questionnaires to employers, with a follow-up sent to initial nonrespondents. Larger employers were surveyed through personal contacts. The telephone was used to clarify responses and to handle critical nonresponse areas.

The Estimating Procedure

Estimates were generated for the Las Vegas SMSA, the Reno SMSA, and the Balance-of-State, by detailed industry groups (three digit SIC). Estimates were developed by adjusting responses to the benchmark total to determine final occupational breakdowns for each industry group within each area.

The appropriate industry groups were than aggregated to form major industry group (two digit SIC) estimates; and the areas were added to construct State totals. The criteria for publication, which were identified in the introduction, apply to any level of aggregation of the estimates.

Relative Error (Sampling Error)

The relative error is a simplified measure of the precision of an estimate. The relative error translates the sampling error (in this case, nonresponse error) into percentage terms. It is expressed as a range above or below the estimate within which a complete universe response would fall approximately 68 percent of the time. For example, it is estimated that 120 managers and officers are employed in SIC 10 in Nevada. The relative error of 9 percent indicates that the chances are about 68 out of 100 that the true employment would fall within eleven jobs above or below the estimate. Likewise, the 4.4 percent of total employment would not differ by more than 0.4 percentage point.

Nonsampling Error

Although the survey has been designed to minimize nonsampling error, the possiblity still exists that it will affect the accuracy of the estimates. Nonsampling error results from incorrect responses, ineffective processing techniques, computational errors, etc. However, every effort was exercised to control these problems.

TABLE 60
OES NONMANUFACTURING SURVEY SAMPLE AND RESPONSE
(1972 SIC MANUAL)

Survey	Industries Included (SIC)	Sample Firms	Sample Employment	Usuable Response Firms	Usuable Response Employment	Percent Response Firms	Percent Response Employment
100	10,11,12,14	104	4,152	70	2,355	67.3	56.7
130	13	5	66	5	66	100.0	100.0
150	15,16,17	972	18,527	731	14,616	75.2	78.9
600	60,61	127	5,318	120	5,241	94.5	98.6
620	62,67	26	420	23	343	88.5	81.7
630	63,64,65,66	383	4,984	311	4,063	81.2	81.5
700	70	122	40,345	103	32,736	84.4	81.1
720	72	266	3,637	225	2,772	84.6	76.2
730	73	342	9,984	257	7,753	75.1	77.7
750	75	194	2,000	160	1,698	82.5	84.9
760	76	92	673	79	556	85.9	82.6
780	78	30	647	21	492	70.0	76.0
790	79	166	41,299	125	36,863	75.3	89.3
801	80 (ex. 806)	425	4,547	345	3,727	81.2	82.0
810	81	110	1,063	106	1,020	96.4	96.0
830	83	74	1,187	64	1,085	86.5	91.4
840	84	1	5	1	5	100.0	100.0
860	86	98	1,062	88	999	89.8	94.1
890	89	129	2,907	110	2,557	85.3	88.0
	Total	3,666	142,823	2,944	118,947	80.3	83.3

OTHER NEVADA OES PUBLICATIONS

Occupational Profile of Selected Manufacturing Industries - 1977

Occupational Profile of Selected Wholesale and Retail Trade Industries - 1975

Occupational Profile - Local, State, and Federal Government Employment - 1975

Occupational Profile: Selected Transportation and Communications Industries - 1976